

Whitall Tatum Company

TC-45609

PRICE LIST
OF
LABORATORY GLASSWARE
AND
SUNDRIES

WHITALL TATUM COMPANY
1904.

45609 ~~378~~

Rakow Library
Corning
Museum of Glass

5609

P-77-91

1904.

PRICE LIST

OF

LABORATORY GLASSWARE

AND

APPARATUS

WHITALL TATUM COMPANY

GLASS MANUFACTURERS

IMPORTERS AND JOBBERS

PHILADELPHIA

410-416 RACE STREET

P. O. BOX 1633

NEW YORK

46 & 48 BARCLAY STREET

P. O. BOX 1866

BOSTON

91 WASHINGTON STREET NORTH

SAN FRANCISCO

45 STEVENSON STREET

SYDNEY, N. S. W.

12 BARRACK STREET

SAMPLES OF OUR GOODS CAN BE SEEN AT OUR CHICAGO SAMPLE ROOM, 196 EAST RANDOLPH STREET

FACTORIES: MILLVILLE, N. J.

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LABORATORY GLASSWARE.

NONSOL GLASS.

A new glass for Laboratory purposes which offers greater resistance to the action of chemical reagents than any other Glass on the market.



ALL NONSOL WARE IS STAMPED WITH THE NAME.

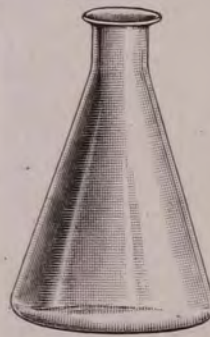


The following sizes of Flasks and Beaker Glasses will be carried in stock. Other goods will be furnished in Nonsol Glass to order; orders being subject to the delays incidental to making.



No. 2000B.

No. 2000B.		
CHEMICAL FLASKS.		
Flat Bottom. Lip Finish.		
		Per doz.
2 ounce,	60 cc.	\$2 30
4 ounce,	120 cc.	2 60
6 ounce,	180 cc.	3 00
½ pint,	250 cc.	3 20
1 pint,	500 cc.	4 15
1 quart,	1000 cc.	5 85
½ gallon,	2000 cc.	7 50



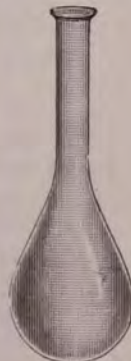
No. 2020B.

No. 2020B.		
ERLENMEYER FLASKS.		
		Per doz.
2 ounce,	60 cc.	\$2 60
4 ounce,	120 cc.	2 90
6 ounce,	180 cc.	3 25
½ pint,	250 cc.	3 90
1 pint,	500 cc.	5 20
1 quart,	1000 cc.	6 80
½ gallon,	2000 cc.	9 75



No. 2016B.

No. 2016B.		
GLOBE FLASKS.		
Flat Bottom. Lip Finish.		
		Per doz.
4 ounce,	120 cc.	\$2 60
6 ounce,	180 cc.	2 90
½ pint,	250 cc.	3 25
1 pint,	500 cc.	4 25
1 quart,	1000 cc.	5 85
½ gallon,	2000 cc.	7 50



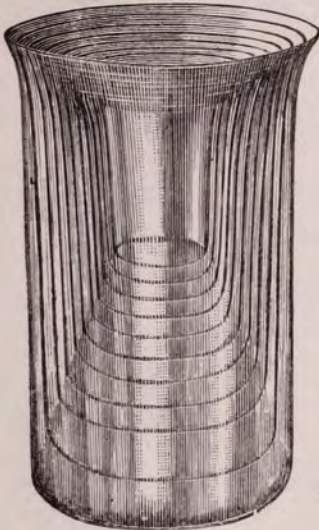
No. 2023B.

No. 2023B.		
KJELDAHL FLASK.		
		Per doz.
500 cc.	\$6 00
Height, 30 cm., diameter of body,		
10 cm. Size of mouth adapted to		
W. T. Co. No. 6 soft rubber stopper.		

NONSOL GLASS. BEAKER GLASSES—TALL.

No. 2050B. Furnished Plain or with Pour Out.

When ordering, please specify style wanted.



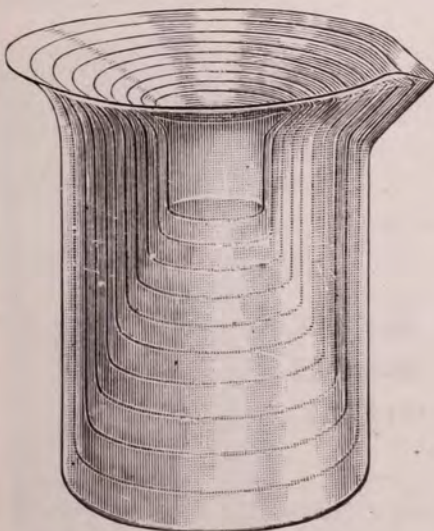
No. 2050B.

			Per doz.
2 ounce	60 cc.	$2\frac{1}{2} \times 1\frac{5}{8}$ inches	\$2 30
3 ounce	90 cc.	$2\frac{5}{8} \times 1\frac{3}{4}$ inches	2 60
4 ounce	120 cc.	$2\frac{7}{8} \times 2$ inches	2 75
6 ounce	180 cc.	$3\frac{1}{4} \times 2\frac{1}{4}$ inches	2 90
8 ounce	250 cc.	$3\frac{3}{4} \times 2\frac{3}{8}$ inches	3 10
10 ounce	300 cc.	$4\frac{1}{4} \times 2\frac{1}{2}$ inches	3 25
12 ounce	350 cc.	$4\frac{1}{2} \times 2\frac{3}{4}$ inches	3 70
16 ounce	500 cc.	5×3 inches	4 55
24 ounce	700 cc.	$5\frac{3}{4} \times 3\frac{1}{4}$ inches	5 20
32 ounce	1000 cc.	$6\frac{5}{8} \times 3\frac{1}{2}$ inches	7 80

BEAKER GLASSES—WIDE.

No. 2060 B. With Pour Out.

GRIFFIN'S FORM.



No. 2060B.

No.			Per doz.
0000.	1 ounce, 30 cc.	$1\frac{7}{8} \times 1\frac{3}{8}$ inches	\$2 30
000.	2 ounce, 60 cc.	$2\frac{1}{8} \times 1\frac{5}{8}$ inches	2 30
00.	3 ounce, 90 cc.	$2\frac{1}{4} \times 1\frac{7}{8}$ inches	2 60
0.	4 ounce, 120 cc.	$2\frac{3}{4} \times 2$ inches	2 75
0A.	5 ounce, 150 cc.	$2\frac{3}{4} \times 2\frac{1}{4}$ inches	2 85
1.	6 ounce, 180 cc.	$3\frac{1}{8} \times 2\frac{1}{4}$ inches	2 90
2.	8 ounce, 250 cc.	$3\frac{3}{8} \times 2\frac{1}{2}$ inches	3 10
2A.	10 ounce, 300 cc.	$3\frac{5}{8} \times 2\frac{3}{4}$ inches	3 25
3.	12 ounce, 350 cc.	$3\frac{7}{8} \times 3$ inches	3 70
3A.	16 ounce, 500 cc.	$4\frac{1}{4} \times 3\frac{1}{4}$ inches	4 55
4.	20 ounce, 600 cc.	$4\frac{5}{8} \times 3\frac{3}{8}$ inches	4 90
5.	24 ounce, 700 cc.	$5 \times 3\frac{5}{8}$ inches	5 20
6.	32 ounce, 1000 cc.	$5\frac{3}{4} \times 4$ inches	7 80

LABORATORY GLASSWARE.

Our Glassware for Laboratory use is made after a formula recommended by the best authorities for resisting the action of chemicals, and for operations which require heat. It contains no lead, zinc, or other metallic flux, and has long given entire satisfaction for all ordinary laboratory uses.

To those who require glassware to the greatest degree proof against the action of reagents, we offer our new "Nonsol" glass, see pages 4 and 5.

CHEMICAL FLASKS—LIP OR RING FINISH.



No. 2000.

No. 2000. FLAT BOTTOM.
No. 2010. ROUND BOTTOM.

	Per doz.
1 ounce, 30 cc.	\$1 60
2 ounce, 60 cc.	1 75
4 ounce, 120 cc.	2 00
6 ounce, 180 cc.	2 30
½ pint, 250 cc.	2 45
1 pint, 500 cc.	3 20

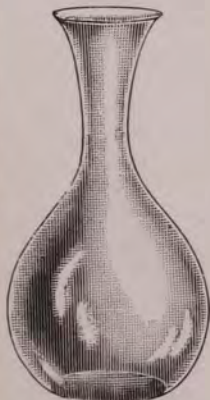
	Per doz.
1 quart, 1000 cc.	\$4 50
½ gallon, 2000 cc.	5 75
1 gallon, 4000 cc.	
2 gallon, 8000 cc.	
3 gallon, 12000 cc. Flat Bot- tom only	



No. 2010.

No. 2012. FLASKS.

Pear Shape. Wide Flaring Mouth.
FOR COPPER DETERMINATION.



No. 2012.

	Per doz.
6 ounce, 180 cc.	\$2 50
½ pint, 250 cc.	2 75
12 ounce, 350 cc.	3 00
1 pint, 500 cc.	4 00

GLOBE FLASKS. LIP OR RING FINISH.

No. 2015. ROUND BOTTOM.
No. 2016. FLAT BOTTOM.



No. 2016.

	Per doz.
1 ounce, 30 cc.	\$1 60
2 ounce, 60 cc.	1 75
4 ounce, 120 cc.	2 00
6 ounce, 180 cc.	2 25
½ pint, 250 cc.	2 50
12 ounce, 350 cc.	
Flat Bottom only,	3 00
1 pint, 500 cc.	3 25
24 ounce, 700 cc.	
Flat Bottom only,	4 00
1 quart, 1000 cc.	4 50
½ gallon, 2000 cc.	5 75
1 gallon, 4000 cc.	
2 gallon, 8000 cc.	

No. 2017. SIDE NECK FLASKS.

ROUND BOTTOM.

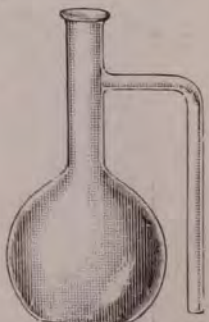


No. 2017.

	Per doz.
1 ounce, 30 cc.	\$3 50
2 ounce, 60 cc.	4 00
4 ounce, 120 cc.	5 00
½ pint, 250 cc.	6 00
1 pint, 500 cc.	7 50
1 quart 1000 cc.	10 25

No. 2018. SIDE NECK FLASK.

	Per doz.
16 ounce, 500 cc.	\$6 25



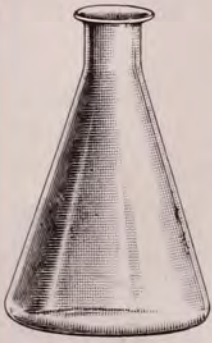
No. 2018.

No. 2019. SOXHLET FLASKS.



No. 2019.

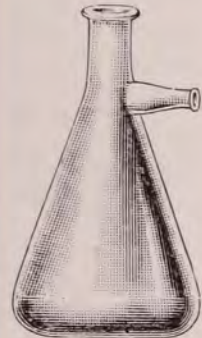
	Per doz.
4 ounce, 120 cc.	\$2 25
8 ounce, 250 cc.	3 00



No. 2020.

**No. 2020.
ERLENMEYER FLASKS.**

		Per doz.
2 ounce,	60 cc.	\$2 00
4 ounce,	120 cc.	2 25
6 ounce,	180 cc.	2 50
½ pint,	250 cc.	3 00
12 ounce,	350 cc.	3 50
1 pint,	500 cc.	4 00
24 ounce,	700 cc.	4 85
1 quart,	1000 cc.	5 25
½ gallon,	2000 cc.	7 50



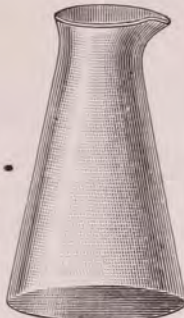
No. 2021.

**No. 2021.
ERLENMEYER FLASKS.
WITH SIDE NECK. HEAVY GLASS.**

		Per doz.
16 ounce,	500 cc.	\$9 50
32 ounce,	1000 cc.	12 00

**No. 2022.
FLASKS WITH POUR OUT.**

		Per doz.
4 ounce,	120 cc.	\$2 25
½ pint,	250 cc.	3 00
1 pint,	500 cc.	4 00
1 quart,	1000 cc.	5 25



No. 2022.



No. 2026.

**No. 2027.
GAS WASH BOTTLE.
350 cc.**

Per dozen \$12 00



No. 2040.

GAS BOTTLES.

**No. 2025. WITHOUT FITTINGS.
No. 2026. WITH RUBBER STOP-
PER AND GLASS TUBES.**

		Per dozen.	
		No. 2025.	No. 2026.
½ pint,	250 cc.	\$2 25	\$9 50
1 pint,	500 cc.	2 75	11 00
1 quart,	1000 cc.	3 75	16 00
½ gallon,	2000 cc.	5 75	20 50
1 gallon,	4000 cc.	13 75	41 00



No. 2027.

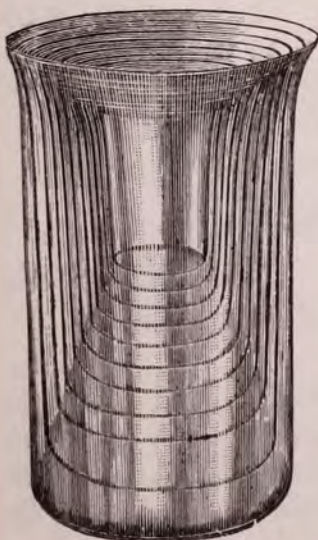
**No. 2040.
FLORENTINE RECEIVERS.**

		Per doz.
1 pint,	500 cc.	\$16 00
1 quart,	1000 cc.	21 50
½ gallon,	2000 cc.	28 50

No. 2050. BEAKER GLASSES—Tall.

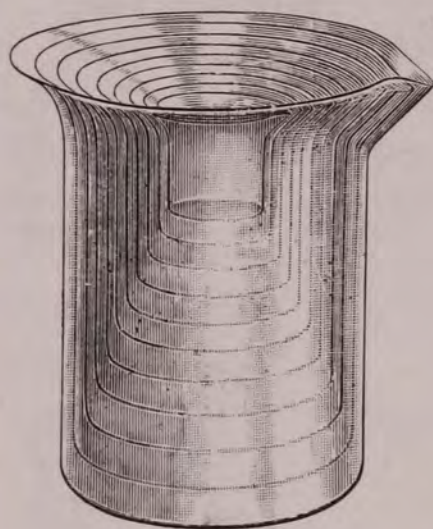
Furnished Plain or with Pour Out.

When ordering, please specify style wanted.



			Per doz.
1 ounce	30 cc.	2½ x 1⅜ inches	\$1 75
2 ounce	60 cc.	2½ x 1⅝ inches	1 75
3 ounce	90 cc.	2½ x 1¾ inches	2 00
4 ounce	120 cc.	2⅞ x 2 inches	2 10
6 ounce	180 cc.	3¼ x 2¼ inches	2 25
8 ounce	250 cc.	3¾ x 2⅝ inches	2 40
10 ounce	300 cc.	4¼ x 2½ inches	2 50
12 ounce	350 cc.	4½ x 2¾ inches	2 85
16 ounce	500 cc.	5 x 3 inches	3 50
24 ounce	700 cc.	5¾ x 3¼ inches	4 00
32 ounce	1000 cc.	6⅝ x 3½ inches	6 00
40 ounce	1200 cc.	7 x 3¾ inches	6 50
48 ounce	1400 cc.	7¾ x 4 inches	7 00
56 ounce	1650 cc.	8¼ x 4¼ inches	8 00
64 ounce	2000 cc.	8½ x 4½ inches	9 00

No. 2060. BEAKER GLASSES—Wide, with Pour Out.



GRIFFIN'S FORM.				Per doz.
No.	Ounce	Cc.	Dimensions	
0000.	1 ounce,	30 cc.	$1\frac{7}{8} \times 1\frac{3}{8}$ inches	\$1 75
000.	2 ounce,	60 cc.	$2\frac{1}{8} \times 1\frac{5}{8}$ inches	1 75
00.	3 ounce,	90 cc.	$2\frac{1}{4} \times 1\frac{7}{8}$ inches	2 00
0.	4 ounce,	120 cc.	$2\frac{3}{4} \times 2$ inches	2 10
0A.	5 ounce,	150 cc.	$2\frac{3}{4} \times 2\frac{1}{4}$ inches	2 20
1.	6 ounce,	180 cc.	$3\frac{1}{8} \times 2\frac{1}{4}$ inches	2 25
2.	8 ounce,	250 cc.	$3\frac{3}{8} \times 2\frac{1}{2}$ inches	2 40
2A.	10 ounce,	300 cc.	$3\frac{5}{8} \times 2\frac{3}{4}$ inches	2 50
3.	12 ounce,	350 cc.	$3\frac{7}{8} \times 3$ inches	2 85
3A.	16 ounce,	500 cc.	$4\frac{1}{4} \times 3\frac{1}{4}$ inches	3 50
4.	20 ounce,	600 cc.	$4\frac{5}{8} \times 3\frac{3}{8}$ inches	3 75
5.	24 ounce,	700 cc.	$5 \times 3\frac{5}{8}$ inches	4 00
6.	32 ounce,	1000 cc.	$5\frac{3}{4} \times 4$ inches	6 00
7.	48 ounce,	1400 cc.	$6\frac{1}{8} \times 4\frac{3}{8}$ inches	7 00
8.	64 ounce,	2000 cc.	$7\frac{5}{8} \times 4\frac{3}{4}$ inches	9 00

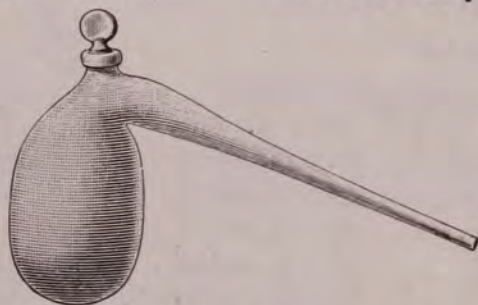
NESTED BEAKER GLASSES—Tall or Wide.

Beakers nested in any assortment desired at same prices as separate.

No.	Nest of	Beakers	Each nest.
No. 2070.	Nest of 5.	1, 2, 3, 4 and 6 oz.	\$0 82
No. 2071.	Nest of 6.	1, 2, 3, 4, 6 and 8 oz.	1 02
No. 2072.	Nest of 9.	1, 2, 3, 4, 6, 8, 10, 12 and 16 oz.	1 76
No. 2073.	Nest of 11.	1, 2, 3, 4, 6, 8, 10, 12, 16, 24 and 32 oz.	2 60
No. 2074.	Nest of 12.	1, 2, 3, 4, 6, 8, 10, 12, 16, 24, 32 and 48 oz.	3 18
No. 2075.	Nest of 13.	1, 2, 3, 4, 6, 8, 10, 12, 16, 24, 32, 48 and 64 oz.	3 93

RETORTS.

No 2100. Plain. No. 2120. Stopped.



	Per dozen.	
	Plain.	Stopped.
$\frac{1}{4}$ pint, 120 cc.	\$5 15	\$8 25
$\frac{1}{2}$ pint, 250 cc.	5 40	9 00
1 pint, 500 cc.	6 25	9 75
1 quart, 1000 cc.	7 00	10 80
$\frac{1}{2}$ gallon, 2000 cc.	9 00	15 00
1 gallon, 4000 cc.		
2 gallon, 8000 cc.		
3 gallon, 12000 cc.		

RECEIVERS.

No. 2125. Plain. No. 2130. Stopped.



	Per dozen.	
	Plain.	Stop'd.
$\frac{1}{4}$ pint, 120 cc.	\$4 40	\$8 00
$\frac{1}{2}$ pint, 250 cc.	4 75	9 00
1 pint, 500 cc.	5 25	9 50
1 quart, 1000 cc.	6 00	10 50
$\frac{1}{2}$ gallon, 2000 cc.	8 00	14 50
1 gallon, 4000 cc.		
2 gallon, 8000 cc.		

ADAPTERS.

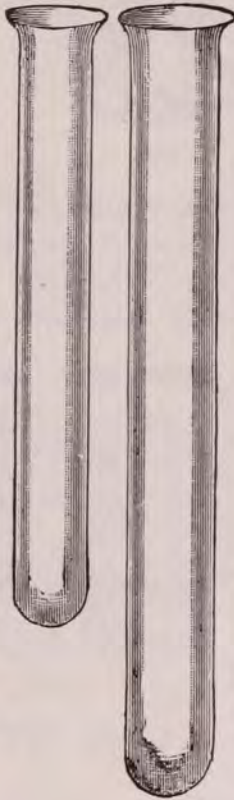
No. 2135. Straight. No. 2136. Bent.

For Connecting Retorts with Receivers.

	Per doz.
Width at large end, $1\frac{1}{2}$ inches	\$7 60
Width at large end, 2 inches	7 75
Width at large end, $2\frac{1}{2}$ inches	8 00
Width at large end, 3 inches	8 25

No. 2145. OXYGEN GLOBES.

	Each.
10 inch	\$2 50
12 inch	3 25
15 inch	4 50



No. 2150. TEST TUBES.

	Per doz.	Per gross.
3 x $\frac{3}{8}$ inches,	\$0 22	\$2 25
4 x $\frac{1}{2}$ inches,	25	2 60
5 x $\frac{1}{2}$ inches,	28	2 80
5 x $\frac{5}{8}$ inches,	30	3 15
6 x $\frac{5}{8}$ inches,	35	3 55
6 x $\frac{3}{4}$ inches,	40	4 00
7 x $\frac{7}{8}$ inches,	55	5 60
8 x 1 inches,	80	8 00
9 x 1 inches,	95	9 50
10 x 1 inches,	1 10	11 50
11 x 1 inches,	1 30	13 50
12 x 1 inches,	1 60	16 00

Test Tubes of Special Lengths and Diameters Made to Order.

TEST TUBES, NESTED.

No.		Per doz. nests.
2160.	4 to 6 inch	\$1 00
2161.	3 to 6 inch	1 25
2162.	3 to 7 inch	1 80
2164.	3 to 8 inch	2 65

No. 2165. TEST TUBES ON FOOT.

	Per doz.		Per doz.
3 inch	\$0 90	8 inch	\$2 25
4 inch	1 00	9 inch	2 75
5 inch	1 15	10 inch	3 25
6 inch	1 40	11 inch	4 00
7 inch	1 75	12 inch	4 75



2165.

No. 2170. IGNITION TUBES.

	Per doz.		Per doz.
4 inch	\$0 60	6 inch	\$1 00
5 inch	85	8 inch	1 85



No. 2175. SIDE NECK TEST TUBES.

	Per doz.
5 inch	\$1 20
6 inch	1 30
7 inch	1 40
8 inch	1 60
9 inch	2 00

No. 2177. SIDE NECK IGNITION TUBES.

	Per doz.
5 inch	\$1 80
6 inch	2 00
8 inch	2 60



2180.

No. 2180. FERMENTATION TUBES.

	Each.
5 inch	\$0 40
9 inch	60

No. 2185. FUNNELS, LONG STEM.

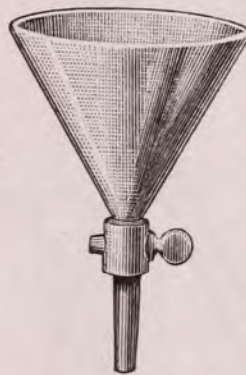
Bodies made uniformly at an angle of 60°. Stems straight to facilitate rapid filtration.



Diameter.		Per doz.
1 inch. (2.5 cm.)		\$1 40
1½ inches. (4 cm.)		2 75
2 inches. (5 cm.)		3 00
2½ inches. (6.5 cm.)		3 20
3 inches. (7.5 cm.)		3 50
4 inches. (10 cm.)		4 00
5 inches. (12.5 cm.)		4 50
6 inches. (15 cm.)		5 25

No. 2190. SEPARATING FUNNELS, STOPPERED.

		Each.
½ pint, 4¼ inch		\$4 25
1 pint, 5½ inch		4 25
1 quart, 7 inch		4 50
½ gallon, 8½ inch		5 75
1 gallon, 10½ inch		7 75
2 gallon, 13 inch		11 00



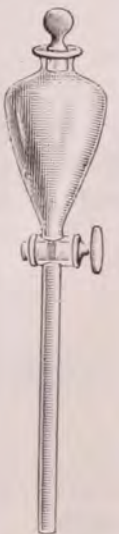
See also Funnels on page 32.

SEPARATING FUNNELS, GLOBE SHAPE, STOPPERED.

No. 2191.		No. 2192.	
Heavy Glass.		Thin Glass.	
	Each.		Each.
500 cc. \$4 00		50 cc. \$2 00	
1000 cc. 4 25		100 cc. 2 00	
2000 cc. 5 25		200 cc. 2 30	
		250 cc. 2 50	



2191.
2192.



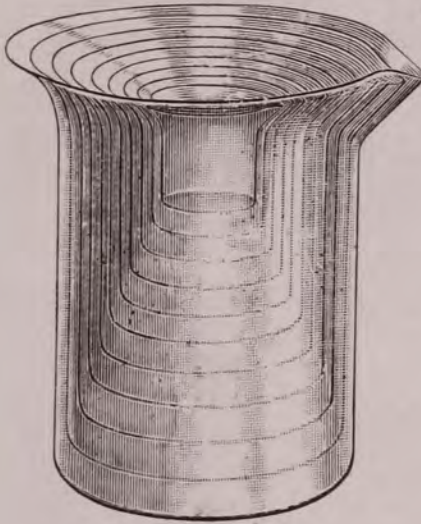
2193.

SEPARATING FUNNELS, PEAR SHAPE, STOPPERED.

No. 2193. Thin Glass.

	Each.		Each.
50 cc. \$2 00		200 cc. \$2 30	
100 cc. 2 00		250 cc. 2 50	

No. 2060. BEAKER GLASSES—Wide, with Pour Out.



GRIFFIN'S FORM.

No.				Per doz.
0000.	1 ounce,	30 cc.	$1\frac{7}{8} \times 1\frac{3}{8}$ inches	\$1 75
000.	2 ounce,	60 cc.	$2\frac{1}{8} \times 1\frac{5}{8}$ inches	1 75
00.	3 ounce,	90 cc.	$2\frac{1}{4} \times 1\frac{7}{8}$ inches	2 00
0.	4 ounce,	120 cc.	$2\frac{3}{4} \times 2$ inches	2 10
0A.	5 ounce,	150 cc.	$2\frac{3}{4} \times 2\frac{1}{4}$ inches	2 20
1.	6 ounce,	180 cc.	$3\frac{1}{8} \times 2\frac{1}{4}$ inches	2 25
2.	8 ounce,	250 cc.	$3\frac{3}{8} \times 2\frac{1}{2}$ inches	2 40
2A.	10 ounce,	300 cc.	$3\frac{5}{8} \times 2\frac{3}{4}$ inches	2 50
3.	12 ounce,	350 cc.	$3\frac{7}{8} \times 3$ inches	2 85
3A.	16 ounce,	500 cc.	$4\frac{1}{4} \times 3\frac{1}{4}$ inches	3 50
4.	20 ounce,	600 cc.	$4\frac{5}{8} \times 3\frac{3}{8}$ inches	3 75
5.	24 ounce,	700 cc.	$5 \times 3\frac{3}{8}$ inches	4 00
6.	32 ounce,	1000 cc.	$5\frac{3}{4} \times 4$ inches	6 00
7.	48 ounce,	1400 cc.	$6\frac{1}{8} \times 4\frac{3}{8}$ inches	7 00
8.	64 ounce,	2000 cc.	$7\frac{5}{8} \times 4\frac{3}{4}$ inches	9 00

NESTED BEAKER GLASSES—Tall or Wide.

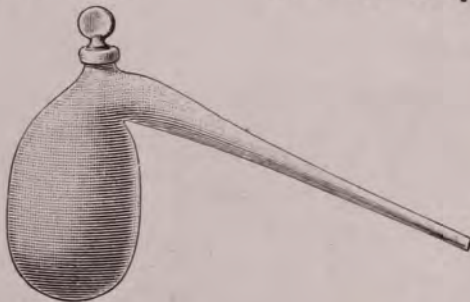
Beakers nested in any assortment desired at same prices as separate.

No.	Nest of	Beakers	Each nest.
No. 2070.	Nest of 5.	1, 2, 3, 4 and 6 oz.	\$0 82
No. 2071.	Nest of 6.	1, 2, 3, 4, 6 and 8 oz.	1 02
No. 2072.	Nest of 9.	1, 2, 3, 4, 6, 8, 10, 12 and 16 oz.	1 76
No. 2073.	Nest of 11.	1, 2, 3, 4, 6, 8, 10, 12, 16, 24 and 32 oz.	2 60
No. 2074.	Nest of 12.	1, 2, 3, 4, 6, 8, 10, 12, 16, 24, 32 and 48 oz.	3 18
No. 2075.	Nest of 13.	1, 2, 3, 4, 6, 8, 10, 12, 16, 24, 32, 48 and 64 oz.	3 93

RETORTS.

No 2100. Plain.

No. 2120. Stopped.



RECEIVERS.

No. 2125. Plain.

No. 2130. Stopped.



2130.

		Per dozen.	
		Plain.	Stopped.
$\frac{1}{4}$ pint,	120 cc.	\$5 15	\$8 25
$\frac{1}{2}$ pint,	250 cc.	5 40	9 00
1 pint,	500 cc.	6 25	9 75
1 quart,	1000 cc.	7 00	10 80
$\frac{1}{2}$ gallon,	2000 cc.	9 00	15 00
1 gallon,	4000 cc.		
2 gallon,	8000 cc.		
3 gallon,	12000 cc.		

		Per dozen.	
		Plain.	Stop'd.
$\frac{1}{4}$ pint,	120 cc.	\$4 40	\$8 00
$\frac{1}{2}$ pint,	250 cc.	4 75	9 00
1 pint,	500 cc.	5 25	9 50
1 quart,	1000 cc.	6 00	10 50
$\frac{1}{2}$ gallon,	2000 cc.	8 00	14 50
1 gallon,	4000 cc.		
2 gallon,	8000 cc.		

ADAPTERS.

No. 2135. Straight.

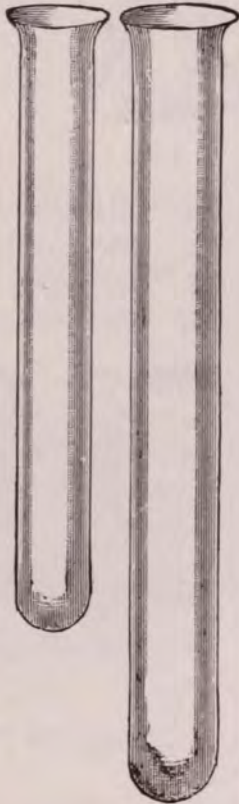
No. 2136. Bent.

For Connecting Retorts with Receivers.

	Per doz.
Width at large end, $1\frac{1}{2}$ inches	\$7 60
Width at large end, 2 inches	7 75
Width at large end, $2\frac{1}{2}$ inches	8 00
Width at large end, 3 inches	8 25

No. 2145. OXYGEN GLOBES.

	Each.
10 inch	\$2 50
12 inch	3 25
15 inch	4 50



No. 2150. TEST TUBES.

	Per doz.	Per gross.
3 x $\frac{3}{8}$ inches,	\$0 22	\$2 25
4 x $\frac{1}{2}$ inches,	25	2 60
5 x $\frac{1}{2}$ inches,	28	2 80
5 x $\frac{5}{8}$ inches,	30	3 15
6 x $\frac{5}{8}$ inches,	35	3 55
6 x $\frac{3}{4}$ inches,	40	4 00
7 x $\frac{7}{8}$ inches,	55	5 60
8 x 1 inches,	80	8 00
9 x 1 inches,	95	9 50
10 x 1 inches,	1 10	11 50
11 x 1 inches,	1 30	13 50
12 x 1 inches,	1 60	16 00

Test Tubes of Special Lengths and Diameters Made to Order.

TEST TUBES, NESTED.

No.		Per doz. nests.
2160.	4 to 6 inch	\$1 00
2161.	3 to 6 inch	1 25
2162.	3 to 7 inch	1 80
2164.	3 to 8 inch	2 65

No. 2165. TEST TUBES ON FOOT.

	Per doz.		Per doz.
3 inch	\$0 90	8 inch	\$2 25
4 inch	1 00	9 inch	2 75
5 inch	1 15	10 inch	3 25
6 inch	1 40	11 inch	4 00
7 inch	1 75	12 inch	4 75



2165.

No. 2170. IGNITION TUBES.

	Per doz.		Per doz.
4 inch	\$0 60	6 inch	\$1 00
5 inch	85	8 inch	1 85



No. 2175. SIDE NECK TEST TUBES.

	Per doz.
5 inch	\$1 20
6 inch	1 30
7 inch	1 40
8 inch	1 60
9 inch	2 00

No. 2177. SIDE NECK IGNITION TUBES.

	Per doz.
5 inch	\$1 80
6 inch	2 00
8 inch	2 60



2180.

No. 2180. FERMENTATION TUBES.

	Each.
5 inch	\$0 40
9 inch	60

No. 2185. FUNNELS, LONG STEM.

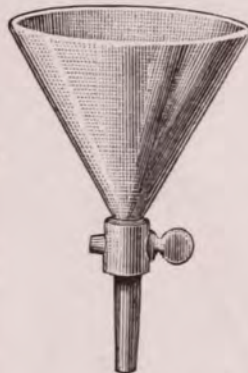
Bodies made uniformly at an angle of 60°. Stems straight to facilitate rapid filtration.



Diameter.		Per doz.
1 inch. (2.5 cm.) . . .		\$1 40
1½ inches. (4 cm.) . . .		2 75
2 inches. (5 cm.) . . .		3 00
2½ inches. (6.5 cm.) . . .		3 20
3 inches. (7.5 cm.) . . .		3 50
4 inches. (10 cm.) . . .		4 00
5 inches. (12.5 cm.) . . .		4 50
6 inches. (15 cm.) . . .		5 25

No. 2190. SEPARATING FUNNELS, STOPPERED.

		Each.
½ pint, 4¼ inch		\$4 25
1 pint, 5½ inch		4 25
1 quart, 7 inch		4 50
½ gallon, 8½ inch		5 75
1 gallon, 10½ inch		7 75
2 gallon, 13 inch		11 00



See also Funnels on page 32.

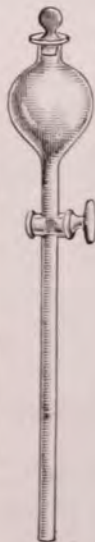
SEPARATING FUNNELS, GLOBE SHAPE, STOPPERED.

No. 2191. Heavy Glass.

	Each.
500 cc. \$4 00	
1000 cc. 4 25	
2000 cc. 5 25	

No. 2192. Thin Glass.

	Each.
50 cc. \$2 00	
100 cc. 2 00	
200 cc. 2 30	
250 cc. 2 50	

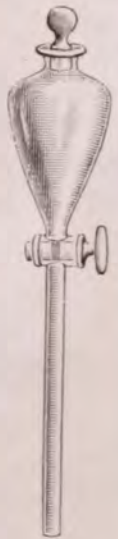


2191.
2192.

SEPARATING FUNNELS, PEAR SHAPE, STOPPERED.

No. 2193. Thin Glass.

	Each.		Each.
50 cc. \$2 00		200 cc. \$2 30	
100 cc. 2 00		250 cc. 2 50	



2193.



**SEPARATING FUNNELS,
STOPPERED. CYLINDER.**

No. 2194. Thin Glass.

	Each.
50 cc.	\$2 00
100 cc.	2 00
200 cc.	2 30
250 cc.	2 50



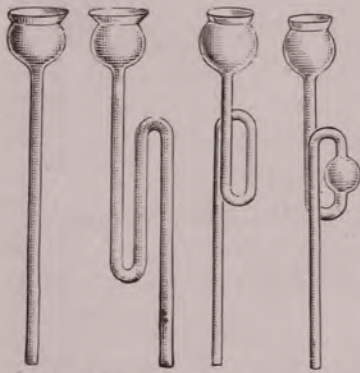
**SEPARATING FUNNEL,
OPEN TOP.**

No. 2195. Thin Glass.

	Each.
30 cc.	\$1 50

2194.

2195.



TUBE FUNNEL.

No.	Per doz.
2212	\$2 00

SAFETY FUNNELS.

No.	Per doz.
2213	\$5 50
2214	5 50
2215	5 50

2212.

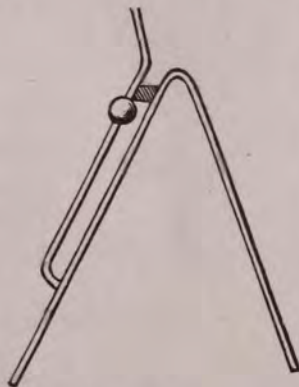
2213.

2214.

2215.



SIPHONS.

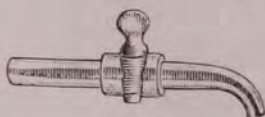


2218.

2219.

No.		Each.
2218.	Siphon	\$1 15
2218½.	Same, with Stop-cock	2 30
2219.	Siphon	1 15
2219½.	Same, with Stop-cock	2 30

STOP-COCKS.

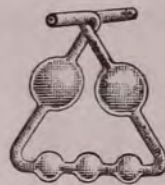


2220.

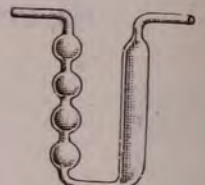


2221.

No.		Each.
2220.	Stop-cock, bent	\$2 40
2221.	Stop-cock, straight	2 40
2221½.	Tube Stop-cock, straight or bent	1 30



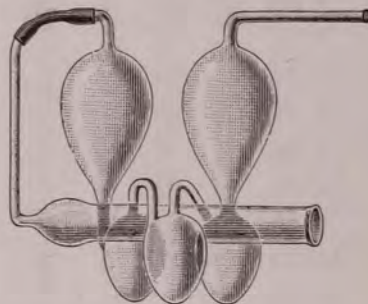
2222.



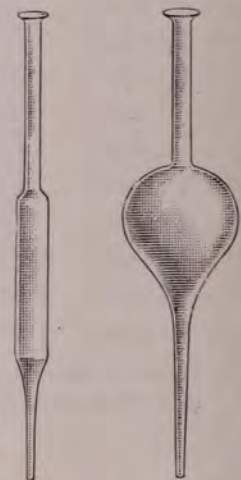
2223.

**POTASH
BULBS.**

No.		Each.
2222.	Liebig's	\$1 25
2223.	Mitcherlich	1 25
2224.	Geisser's	1 70
2224½.	Geisser's, with Drying Tube	2 00



2224½



2227.

2225.

GLASS PIPETTES.

No.	Each.
2225	\$0 30
2227	20

No. 2230. FILTERING TUBE.

	Per doz.
1 x 3 inches	\$2 40



2230.

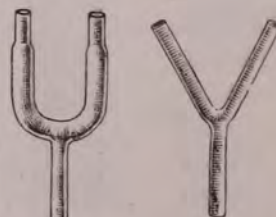
DROPPING GLASSES.

No.		Each.
2231.	Dropping Glass,	\$0 50
2232.	Dropping Glass, Stopped,	85

2231.

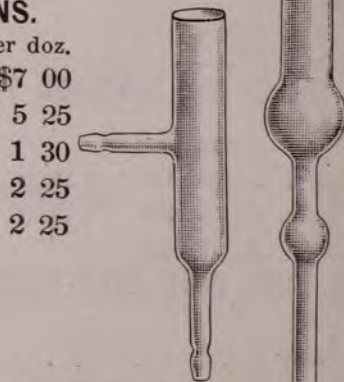
TUBE CONNECTIONS.

No.	Per doz.
2233.	\$7 00
2234.	5 25
2235. T Tube	1 30
2240. Y Tube	2 25
2241. Y Tube	2 25



2240.

2241.



2234.

2233.

2235.

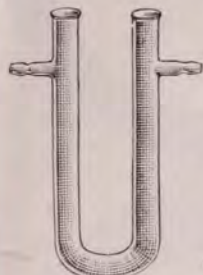
No. 2245. U TUBES.

Per doz.	Per doz.
3 inch . . . \$2 00	6 inch . . . \$4 00
4 inch . . . 2 50	8 inch . . . 5 75
5 inch . . . 3 50	



No. 2246. SIDE NECK U TUBES.

Per doz.	Per doz.
3 inch . \$3 30	6 inch . \$5 00
4 inch . 3 75	8 inch . 7 00
5 inch . 4 50	



No. 2247. U TUBE. WITH BULBS.

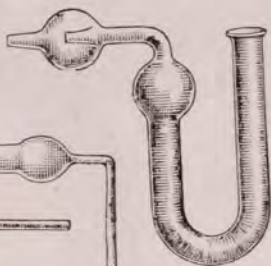
Per doz.	
4 inch \$9 00	

2246.

2251.

2250.

2252.

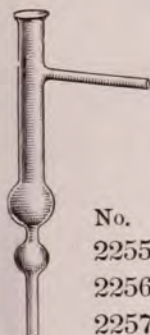


2247.

CHLORIDE OF CALCIUM TUBES.

No.	Per doz.
2250. Length, 5 inches . . .	\$2 35
2251. Length, 5 inches . . .	2 35
2252. Length, 3 inches . . .	2 20

Measure includes Large Tube and Bulb only.

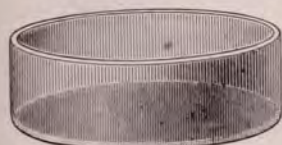


2257.

DISTILLATION TUBES.

No.	Per doz.
2255. Without Bulb	\$3 75
2256. One Bulb	4 00
2257. Two Bulbs	5 75

No. 2265. GLASS DISHES. Heavy Glass.



2265 & 2270.

Per doz.
3 inches diameter . \$4 00
6 inches diameter . 10 25
9 inches diameter . 20 50

No. 2270. GLASS DISHES. Thin Glass.

CRYSTALLIZING DISHES.

Diameter. Inches.	Depth. Inches.	Per doz.	Diameter. Inches.	Depth. Inches.	Per doz.
2½	2⅛	\$2 25	4½	2⅞	\$5 25
3	2⅜	2 50	5	2⅞	7 00
3½	2¼	3 00	6	2⅞	9 00
4	2⅝	4 00	9	2⅞	13 00

These Dishes can be Nested.

No. 2275. GROUND GLASS PLATES.

Per doz.	Per doz.
3 inches square . \$0 96	6 inches square \$2 00
4 inches square . 96	8 inches square 2 75
5 inches square . 1 50	12 inches square 6 00

No. 2280. WEIGHING BOTTLES. VERY LIGHT.



Per doz.
1 ounce \$5 50
2 ounce 5 50

No. 2281. WEIGHING TUBES.



Inches.	Per doz.	Inches.	Per doz.
2 x 5/8	\$3 00	2 x 1½	\$6 00
3 x 7/8	4 00	2 3/8 x 2	10 00

No. 2285. GLASS TUBING—Light and Heavy.

See Cuts, page 12.

Per pound.	
1/8 inch diameter, outside	\$1 45
3/16 inch diameter, outside	1 15
1/4 to 2 inches diameter, outside	70

Special prices in large quantities, and for special lengths or diameters.

No. 2287. GLASS ROD.

Per pound.	
1/8 inch diameter	\$1 15
3/16 and 1/4 inch diameter	90
5/16 to 1/2 inch diameter	70

For Stirring Rods, see page 42.



2290.

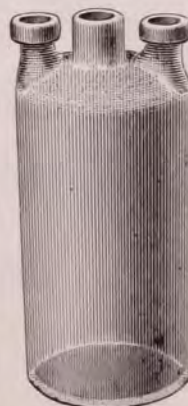
No. 2290.

KIPP'S GAS GENERATOR.

1 quart, 1 liter each, \$9 00

WOLFF BOTTLES.

No. 2320. With Two Necks.
No. 2321. With Three Necks.



2321.

Each.	2320.	2321.
1/4 pint, 120 cc.	\$0 60	\$0 90
1/2 pint, 250 cc.	75	1 10
1 pint, 500 cc.	85	1 15
1 quart, 1000 cc.	1 00	1 40
1/2 gallon, 2000 cc.	1 60	2 00
1 gallon, 4000 cc.	3 00	3 50
2 gallon, 8000 cc.	5 00	6 25

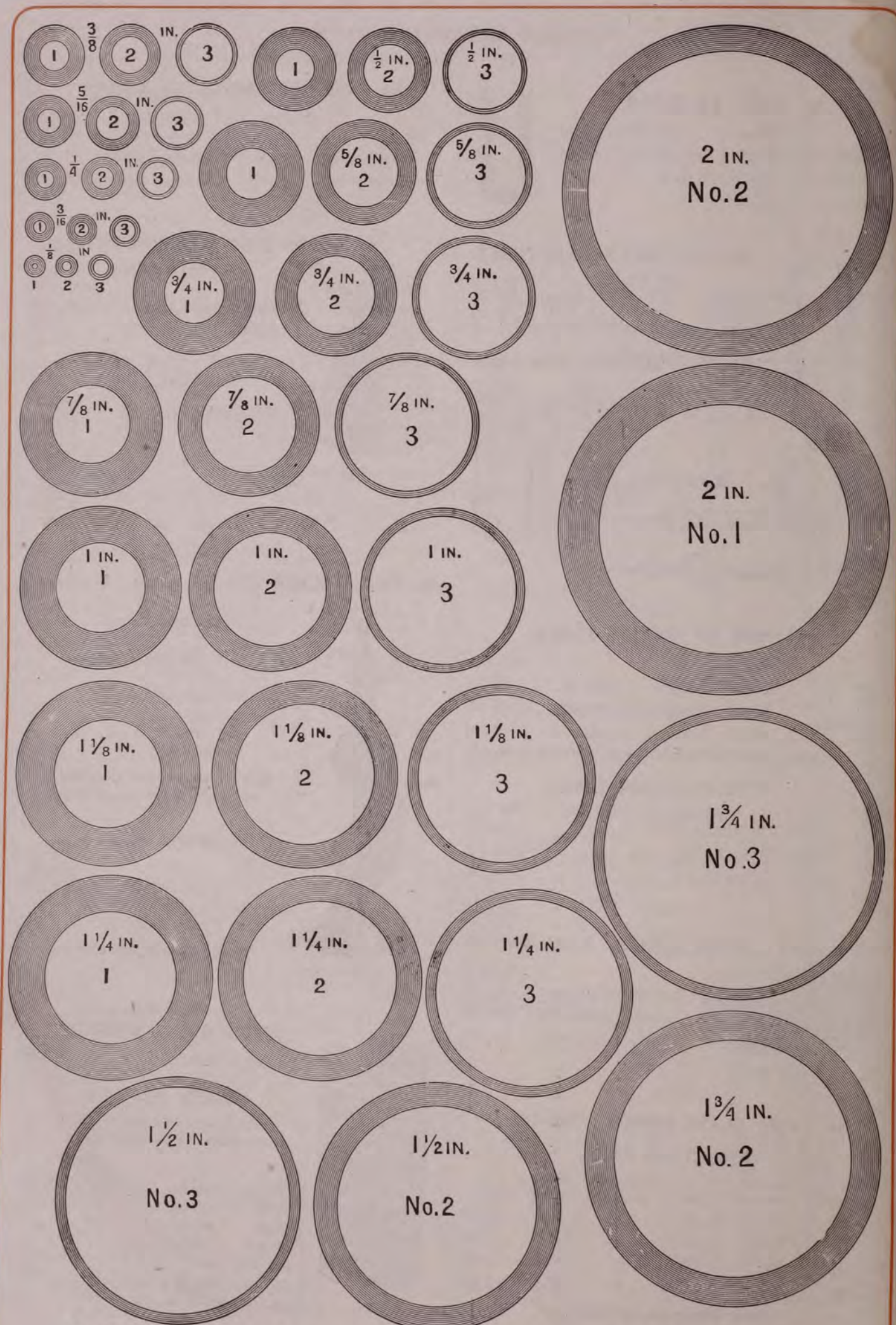


Diagram showing approximate thickness of walls and diameters of Glass Tubing. See No. 2285, page 11.

No. 2340. MILLVILLE CHEMICAL JARS.

A Substitute for Woulff Bottles, Chemical Flasks, Etc.

With Solid and Perforated Lids, Rubber Corks, and Glass Tubing, ready for use.



2340.

	Each.
½ pint	\$0 80
1 pint	80
1 quart	85
½ gallon	1 00

No. 2346. ACID DROP OR COIN TEST BOTTLES.



	Per doz.
1 ounce	\$6 15
2 ounce	6 25
With Glass Caps, extra	2 50

No. 2350. SPIRIT LAMPS.

With Ground Glass Caps, Wick Tubes, and Wicks.

	Per doz.
1½ ounce Taper,	\$2 25
3 ounce Taper,	2 50
3 ounce Straight,	2 50
4 ounce Globe,	4 25
8 ounce Globe,	4 80



Globe.

Straight.

Taper.

For Metal Lamps, see page 39.

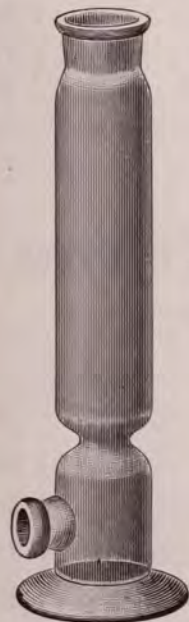
No. 2353. TEST GLASSES.

	Per doz.
2 ounce	\$5 25
4 ounce	5 50
6 ounce	5 75



2353.

No. 2355. CHLORIDE OF CALCIUM JARS.



2355.

	Each.
12 x 2 inches	\$1 30
17 x 2½ inches	2 25
21 x 3 inches	4 50

No. 2370. PRECIPITATING JARS.



2370.

		Per doz.
¼ pint,	120 cc.	\$3 50
½ pint,	250 cc.	4 25
1 pint,	500 cc.	5 75
1 quart,	1000 cc.	8 00
½ gallon,	2000 cc.	12 50
1 gallon,	4000 cc.	18 25
1½ gallon,	6000 cc.	27 50
2 gallon,	8000 cc.	35 00
3 gallon,	12000 cc.	50 00

No. 2375. LECTURE GLASS.

Useful in Chemical Experiments performed on the Lecture Table.

	Per doz.
350 cc.	\$7 20



2375.

EVAPORATING DISHES, GLASS.



2380.



2390.

No. 2380. PLAIN.

	Per doz.
2 inches	\$2 25
3 inches	2 75
4 inches	3 25
5 inches	4 00
6 inches	5 00

No. 2390. WITH LIP.

	Per doz.
2 inches	\$3 25
3 inches	4 00
4 inches	5 25
5 inches	6 25
6 inches	8 00

Each nest.

2385. Nest of 2, 3, and 4 inch, plain	\$0 69
2386. Nest of 4, 5, and 6 inch, plain	1 02
2387. Nest of 2, 3, 4, 5, and 6 inch plain	1 44
2395. Nest of 2, 3, and 4 inch, lip	1 04
2396. Nest of 4, 5, and 6 inch, lip	1 63
2397. Nest of 2, 3, 4, 5, and 6 inch, lip	2 23

Porcelain and Iron Evaporating Dishes see page 35.

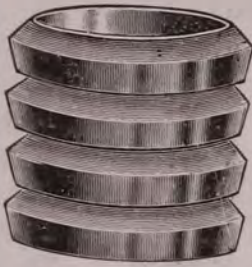


No. 2398. WATCH GLASSES.

	Per doz.		Per doz.
2 inch	\$0 40	4 inch	\$2 25
2½ inch	1 25	5 inch	2 75
3 inch	1 40	6 inch	3 25
3½ inch	1 60		

Nested at same prices as single.

SYRACUSE WATCH GLASSES.



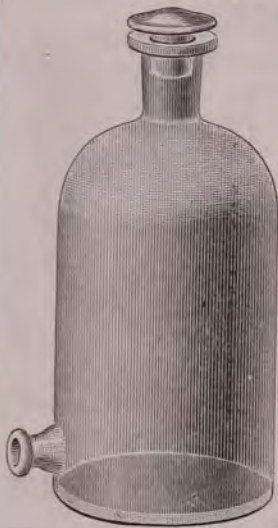
Glasses. Stacked.

Outside diameter, . 65 mm.
 Inside diameter, . . 50 mm.
 Depth, 10 mm.



- 2399. Plain.
Per dozen, \$1 20.
- 2399½. Bevel ground to form surface for writing.
Per dozen, \$1 80.

TUBULATED OR ASPIRATOR BOTTLES.



2410.



2421.

- No. 2400. With Tubulure.
- No. 2410. With Tubulure and Stoppered.
- No. 2420. With Tubulure, Stoppered, Glass Tap ground into Tubulure.
- No. 2421. With Tubulure, Stoppered, Glass Tap joined to bottle by grinding and held in place by a metal screw collar. The contents come in contact with glass only, and the Tap cannot work loose.

	No. 2400. Per doz.	No. 2410. Per doz.	No. 2420. Per doz.	No. 2421. Per doz.
½ gallon . .	\$15 50	\$19 00	\$62 00	—
1 gallon . .	24 50	28 50	72 00	\$72 00
2 gallon . .	38 00	45 00	88 00	88 00
3 gallon . .	60 00	66 00	110 00	110 00
5 gallon . .	92 00	114 00	160 00	160 00

No. 2422. With Tubulure over which rubber tubing can be slipped.

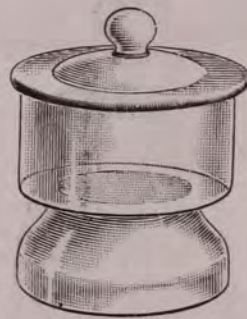
	Per doz.	Per doz.	Per doz.
½ pint . .	\$4 50	Pint . \$5 50	Quart . \$7 00

No. 2425. PETRI DISH.

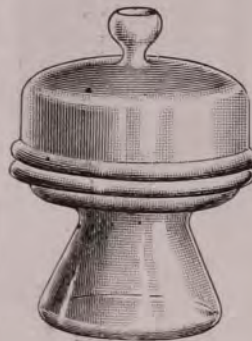
WITH COVER.



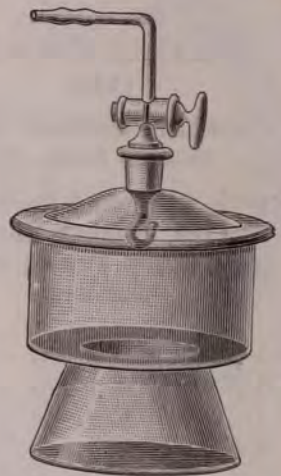
Per doz.
 4 inches diameter . \$4 00



2450.



2451.



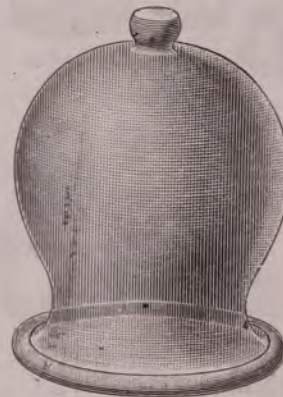
2452.

DESICCATING JARS.

WITH GROUND LIDS.

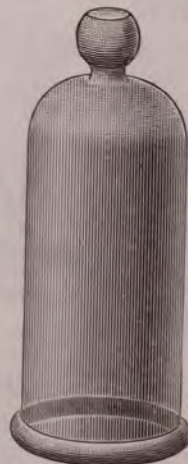
No.		Each.
2450.	3 7/8 inches inside diameter	\$0 75
2451.	Atwater's, 4 1/2 inches inside diameter	2 00
2452.	Scheibler's, 6 inches inside diameter	5 00

BELL GLASSES.



No. 2500. SHORT KNOB.

	Diameter of Base.	Each.
1 pint,	3 3/4 inches,	\$0 60
1 quart,	4 1/2 inches,	95
½ gallon,	6 inches,	1 25
1 gallon,	7 3/4 inches,	1 80
2 gallon,	9 inches,	2 40
3 gallon,	10 1/2 inches,	3 50
5 gallon,	11 1/2 inches,	6 00

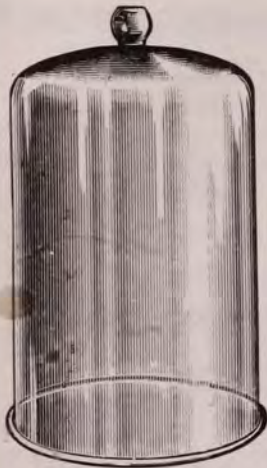


No. 2510. TALL KNOB.

	Diameter of Base.	Each.
1 pint,	3 inches,	\$0 60
1 quart,	4 inches,	95
½ gallon,	5 inches,	1 25
1 gallon,	6 1/2 inches,	1 80
2 gallon,	8 1/2 inches,	2 40
3 gallon,	9 3/4 inches,	3 50
5 gallon,	10 1/2 inches,	6 00

BELL GLASSES—Continued.

No. 2515. TALL KNOB, FOR COVERS.

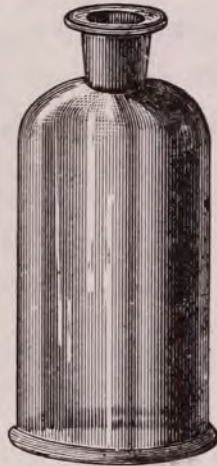
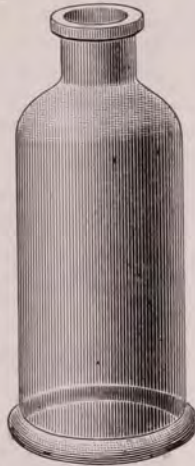


RIMS NOT GROUND.

	Each.
8 x 13 inches inside	\$2 40
9 x 15 inches inside	3 50
10 x 17 inches inside	6 00
11 x 20 inches inside	8 50

No. 2520. OPEN TOP.

	Diameter of Base.	Each.
1 pint,	3 inches	\$0 60
1 quart,	4 inches	95
½ gallon,	5 inches	1 25
1 gallon,	6½ inches	1 80
2 gallon,	8½ inches	2 30
3 gallon,	9¾ inches	3 50
5 gallon,	10½ inches	6 00



No. 2530. NARROW MOUTH. FOR CAPS, OR STOPPERED.

	Diameter of Base.	Each.	For Caps.	Stop'd.
1 pt.,	3 inches	\$0 60	\$0 65	
1 qt.,	4 inches	90	1 00	
½ gal.,	5 inches	1 20	1 40	
1 gal.,	6½ inches	1 75	2 00	

No. 2550. SHORT BELL GLASSES.



	Each.	Ground.	Not Ground.
4 inch	\$0 60		\$0 50
6 inch	90		80
8 inch	1 50		1 40
10 inch	2 50		2 00
12 inch	3 50		3 00

No. 2555. BURSTING SQUARE.

Per dozen \$1 75

No. 2570. LIEBIG'S CONDENSERS.



	Each.
10 inch	\$1 15
12 inch	1 40
15 inch	1 75
20 inch	2 00
24 inch	2 50

No. 2580. ROUND BATTERY JARS.

SHOP FURNITURE STYLE.



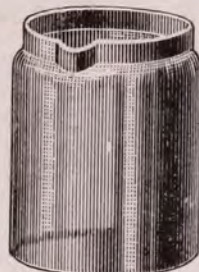
Wide.	High.	Per doz.
4 x 4 inches outside		\$2 75
4 x 5 inches outside		3 00
4½ x 5½ inches outside		3 60
4½ x 6 inches outside		4 25
5½ x 8 inches outside		6 75
6 x 8 inches outside		8 25
6 x 9 inches outside		9 50
7 x 8 inches outside		10 00
8 x 12 inches outside		17 00
9 x 12½ inches outside		19 00
9 x 15 inches outside		24 00

No. 2581. LECLANCHE BATTERY JARS.

Green Glass.

Per doz.

Square, Rounded Corners, Paraffined	\$2 25
Round, Paraffined	1 85
Special prices given for Case Lots.	



No. 2581, Round.

No. 2582. ROUND BATTERY JARS.

Iron Mould.

Wide.	Deep.	Per doz.
5 x 7 inches inside		\$2 85
6 x 8 inches inside		4 25

WASH BOTTLES.

No. 2590.

With Plain Glass Tubes.

No. 2591.

With Flexible Exit Tube.



No. 2591.

	Each.	No. 2590.	No. 2591.
1 pint,	500 cc.	\$0 75	\$0 75
1 quart,	1000 cc.	90	90



No. 2592.
ETHER WASH BOTTLES.

	Each.
250 cc.	\$1 00
500 cc.	1 50

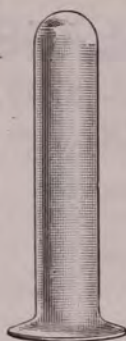


No. 2610. STENDER JAR.
 60 x 22 mm.
 Per dozen \$6 00



No. 2750. INSECT BOTTLES.
 Extra Width of Mouth.

		Per dozen.
	For Corks.	Stoppered.
1 $\frac{3}{4}$ ounce	\$0 46	\$1 80
3 ounce	52	2 40
4 ounce	70	2 75
6 ounce	70	2 75



No. 2753. INVERTED SPECIMEN TUBE.

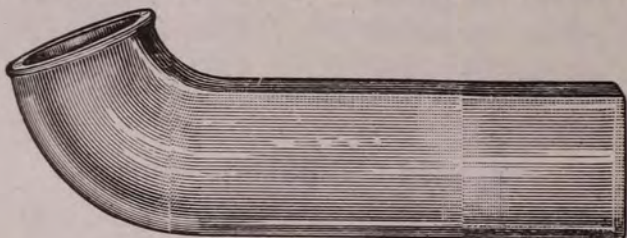
	Per gross.
1 x 5 inches	\$17 00



No. 2755. SPECIMEN BOTTLES.
 Stoppered.

	Per doz.
6 drachm	\$3 25
1 ounce	3 50
2 ounce	4 00
3 ounce	4 20
4 ounce	4 50
8 ounce	6 25
12 ounce (squat)	7 50

No. 2760. BENT NECK SPECIMEN BOTTLES.



	Per gross.
Small, $\frac{1}{2}$ ounce	\$7 00
Medium, 1 ounce	10 00
Large, 2 ounce	15 50

Chemical Tinctures and Saltmouths.

With Flat Hood Stoppers. Shop Furniture Style. Smooth Bottoms.



TINCTURES.

	Height.	Per doz.
1 ounce	3 $\frac{3}{8}$ inches	\$2 20
$\frac{1}{8}$ pint	4 $\frac{1}{8}$ inches	2 40
$\frac{1}{4}$ pint	4 $\frac{7}{8}$ inches	3 00
$\frac{1}{2}$ pint	5 $\frac{3}{4}$ inches	4 00
1 pint	7 $\frac{1}{8}$ inches	5 00

SALTMOUTHS.

	Height.	Per doz.
1 ounce	3 $\frac{3}{8}$ inches	\$2 25
$\frac{1}{8}$ pint	4 inches	2 50
$\frac{1}{4}$ pint	4 $\frac{5}{8}$ inches	3 20
$\frac{1}{2}$ pint	5 $\frac{1}{2}$ inches	4 25
1 pint	6 $\frac{3}{4}$ inches	5 50



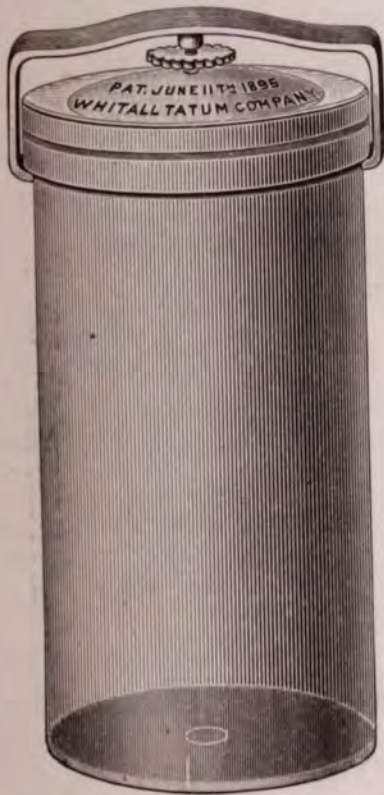
2600. MUSEUM JARS.

FOR PRESERVING AND DISPLAYING SPECIMENS IN MUSEUMS AND EXHIBITIONS.

These Jars are now made without contraction at the neck, so that the width of the mouth is the same as the inside diameter of the body of the Jar.

The contents are enclosed entirely in glass, with a thin rubber medium under the lid to make a tight joint. This lid is securely fastened down with a metallic clamp. On the under side of the lid are two glass rings, from which specimens may be suspended so that they will stay in any position.

Patented June 11, 1895, and June 2, 1903.



Width of Mouth.	Height without Lid.	Capacity (approx.).	Per doz.
2 1/2 inches	4 inches	1/2 pint	\$5 75
2 inches	6 inches	3/4 pint	6 25
2 1/2 inches	8 inches	1 pint	7 00
2 1/2 inches	12 inches	1 1/2 pints	8 00
2 1/2 inches	18 inches	2 1/2 pints	10 00
3 inches	6 inches	1 3/4 pints	10 25
3 inches	8 inches	2 1/2 pints	11 50
3 inches	12 inches	4 pints	13 00
3 inches	18 inches	6 pints	16 00
5 inches	8 inches	2 3/4 quarts	18 00
5 inches	12 inches	4 quarts	20 00
5 inches	15 inches	5 quarts	22 00
5 inches	18 inches	6 quarts	24 50
6 inches	8 inches	1 gallon	23 00
6 inches	12 inches	1 1/2 gallons	26 00
7 inches	6 inches	1 1/8 gallons	32 00
7 inches	8 inches	1 1/2 gallons	34 00
7 inches	12 inches	2 1/2 gallons	40 00
7 inches	15 inches	2 3/4 gallons	43 00
7 inches	18 inches	3 1/2 gallons	47 00
7 inches	24 inches	4 1/2 gallons	54 00
7 inches	36 inches	7 gallons	95 00
11 1/2 inches	12 inches	4 3/4 gallons	114 00
11 inches	18 inches	7 1/2 gallons	143 00
11 inches	24 inches	10 gallons	171 00

Special Lengths of the above Diameters made to order.

2605. SPECIMEN JARS.

Made of clearest flint glass, with mouths nearly as wide as the Jars themselves, and glass stoppers carefully ground in.

In ordering, give Diameter of Body and Height to Shoulder.



Diameter of Body.	Height to Shoulder.	Height to Top of Stopper.	Width of Mouth.	Capacity to Neck.	Per dozen.
1 1/2 inches	2 inches	3 1/2 inches	1 1/2 inches	1 1/2 ounces	\$2 85
1 1/2 inches	3 inches	4 1/2 inches	1 1/2 inches	2 1/2 ounces	3 00
2 inches	2 1/2 inches	4 1/2 inches	1 1/2 inches	3 ounces	3 15
2 inches	3 inches	5 1/2 inches	1 1/2 inches	5 ounces	3 50
2 inches	5 inches	6 1/2 inches	1 1/2 inches	6 ounces	4 00
2 1/2 inches	3 1/2 inches	5 1/2 inches	2 inches	8 ounces	4 25
2 1/2 inches	5 inches	7 inches	2 inches	11 ounces	4 50
2 1/2 inches	7 inches	9 inches	2 inches	16 ounces	5 00
3 inches	4 inches	6 1/2 inches	2 1/2 inches	14 ounces	5 50
3 inches	6 inches	8 1/2 inches	2 1/2 inches	20 ounces	6 00
3 inches	8 inches	10 1/2 inches	2 1/2 inches	28 ounces	7 00
3 1/2 inches	6 inches	8 1/2 inches	3 inches	29 ounces	7 75
3 1/2 inches	8 inches	10 1/2 inches	3 inches	40 ounces	10 00
3 1/2 inches	10 inches	12 1/2 inches	3 inches	52 ounces	12 00
4 1/2 inches	5 inches	7 inches	3 1/2 inches	38 ounces	10 00
4 1/2 inches	8 inches	10 1/2 inches	3 1/2 inches	62 ounces	12 00
4 1/2 inches	12 inches	14 1/2 inches	3 1/2 inches	92 ounces	15 00
6 inches	7 inches	10 inches	5 inches	98 ounces	18 00
6 inches	10 inches	13 inches	5 inches	140 ounces	23 00
6 inches	12 inches	15 inches	5 inches	168 ounces	27 00
6 inches	15 inches	18 inches	5 inches	212 ounces	31 00

Special Sizes made to Order in Quantities.

RR19023-5-23-95- Ruth and Tom Klapp \$60.00

VOLUMETRIC OR GRADUATED APPARATUS.

The standard used by us in graduating Flasks, Jars, Burettes, and Pipettes, is the Liter of the International Bureau of Weights and Measures; that is, the volume occupied by 1000 grams of water when weighed at the temperature of its maximum density in vacuo.

The instruments are standard at 15° C. unless otherwise stated, and the reading is taken at the bottom of the meniscus. The graduation is done with the aid of apparatus especially devised and controlled by ourselves, and by methods which insure freedom from error, so that we are able to guarantee the highest degree of accuracy.

FLASKS FOR MEASURING.

The Graduated Flasks are made to contain the named volumes at 15° C.



- No. 2900. Graduated and Stoppered.
- No. 2901. Graduated, not Stoppered.
- No. 2902. Not Graduated, Stoppered.
- No. 2903. Not Graduated, not Stoppered.

	No. 2900. Per doz.	No. 2901. Per doz.	No. 2902. Per doz.	No. 2903. Per doz.
50 cc.	\$7 20	\$4 50	\$6 25	\$2 50
100 cc.	7 50	5 00	6 50	3 00
200 cc.	8 00	6 25	6 75	4 00
1/4 liter	10 80	7 25	7 50	5 00
1/2 liter	13 50	10 75	8 50	6 50
1 liter	16 00	14 00	10 50	8 00
2 liter	21 50	18 00	15 00	10 00

PIPETTES.

Graduated to be emptied by free flow, drained 15 seconds, and the last drop wiped off against the side of the vessel.

No. 2905. VOLUME PIPETTES.

1 cc.	2 cc.	5 cc.	10 cc.	15 cc.	20 cc.	25 cc.	50 cc.	100 cc.
\$0 25	25	30	35	40	45	50	60	80 each.

No. 2910. GRADUATED PIPETTES.

1 cc.	2 cc.	5 cc.	10 cc.	10 cc.	25 cc.	50 cc.
1/100	1/50	1/20	1/10	1/20	1/10	1/10
\$1 20	1 30	1 25	1 40	1 50	1 90	2 70 each.

BURETTES.

All Burettes are so graduated that after drawing out the required quantity as rapidly as possible, two minutes should be allowed for draining before the final reading is taken.

No. 2915. MOHR'S BURETTES.

25 cc.	25 cc.	50 cc.	50 cc.	100 cc.	100 cc.
1/5	1/10	1/5	1/10	1/5	1/10
\$1 35	1 60	1 80	2 20	3 00	3 75 each.

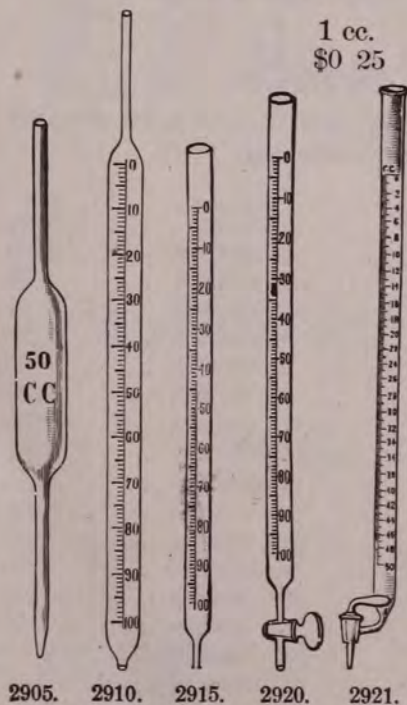
No. 2920. MOHR'S BURETTES, WITH GLASS STOP-COCKS.

25 cc.	25 cc.	50 cc.	50 cc.	100 cc.	100 cc.
1/5	1/10	1/5	1/10	1/2	1/5
\$2 80	3 00	3 30	3 75	4 00	4 60 each.

No. 2921. BURETTES, WITH GLASS STOP-COCKS.

The delivery is made through the bottom of stop-cock, which can be operated with either hand.

50 cc. 1/10	\$4 00 each.	100 cc. 1/10	\$5 75 each.
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No. 2924A. NESSLER JARS.

Colorless Glass, with Polished Bottoms.

Selected in sets of 2, 3, 6, etc.

	Per doz.
50 cc.	\$6 00
100 cc.	7 50
50 and 100 cc.	9 00

No. 2924B. NESSLER COMPARISON TUBES. TALL STYLE.

Colorless Glass, with Polished Bottoms.

Selected in sets as ordered, each set showing not more than $\frac{1}{4}$ inch total variation in height to mark. Separate sets differ slightly in standard height of mark.

	Per doz.
50 cc. Total height, 12 inches. Height to mark, about 9 inches	\$9 00

No. 2925. CARBON COMPARISON TUBES.

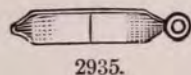
30 cc. $\frac{1}{10}$, \$3.50 per pair. 50 cc. $\frac{1}{10}$, \$4.00 per pair.

No. 2930. EUDIOMETERS, OR GAS BURETTES.

25 cc. $\frac{1}{5}$	\$1 20 each
50 cc. $\frac{1}{5}$	1 80 each

No. 2935. BURETTE SWIMMER OR ERDMAN FLOAT.

\$0 34 each.



2935.



Sugar Flask.

SUGAR FLASKS.

With two graduations on neck.

- No. 2940. Graduated to contain true cc. at 17.5°C.
- No. 2941. Graduated to contain Mohr cc. at 17.5°C.
- No. 2942. Graduated to contain true cc. at 20°C.

	Per doz.
50 and 55 cc.	\$6 50
100 and 110 cc.	8 00
200 and 220 cc.	10 00

No. 2950. CYLINDRICAL GRADUATES.

Made to deliver the named volumes, at 15° C.

Apothecaries' Fluid Measure.

	Per doz.
1 ounce	\$6 50
2 ounces	7 75
4 ounces	9 00
8 ounces	12 00
16 ounces	19 00
32 ounces	33 00



Metric Measure.

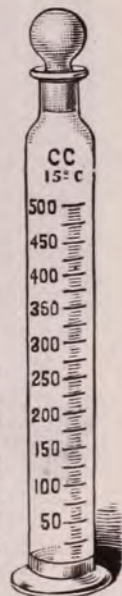
	Per doz.
5 cc. in $\frac{1}{5}$ cc.	\$7 75
10 cc.	6 25
25 cc.	7 00
50 cc.	9 00
100 cc.	11 75
250 cc.	16 25
500 cc.	20 00
1000 cc.	38 00



No. 2952. MIXING JARS. STOPPERED.

Made to contain the named volumes at 15° C.

	Per doz.
60 cc.	\$15 00
120 cc.	19 50
250 cc.	28 50
500 cc.	40 00
1000 cc.	70 00



SPECIFIC GRAVITY BOTTLES.

Made to contain the named weight of pure water free from air, at 15° C., weighed in air under standard conditions.

A TIN CASE IS FURNISHED WITH EACH BOTTLE.

No. 2975. WITH PERFORATED STOPPER.



	Each.
100 grain	\$2 25
1000 grain	2 50
10 gram	2 25
50 gram	2 50
100 gram	3 00
Counterpoise for any size	90

No. 2976. WITH GRADUATION MARK ON NECK, AND FUNNEL FOR FILLING.

	Each.
100 grain	\$1 15
1000 grain	1 50
10 gram	1 15
50 gram	1 50
100 gram	1 75
Counterpoise for any size	90



HYDROMETERS.

ACCURATELY ADJUSTED.

WEIGHTED WITH MERCURY.

All readings are to be made at the level of the general surface of the liquid.

BAUMÉ SCALE, FOR LIQUIDS LIGHTER THAN WATER.

$$\text{Specific Gravity } \frac{60^\circ \text{ F.}}{60^\circ \text{ F.}} \text{ in air} = \frac{140}{130 + ^\circ\text{Bé. at } 60^\circ \text{ F.}}$$

No.		Each.
4000.	Baumé Scale, 10° to 45° in 1/2°	\$0 85
4001.	Baumé Scale, 40° to 80° in 1/2°	85
4002.	Baumé Scale, 10° to 80° in 1°	85

BAUMÉ SCALE, FOR LIQUIDS HEAVIER THAN WATER.

$$\text{Specific Gravity } \frac{60^\circ \text{ F.}}{60^\circ \text{ F.}} \text{ in air} = \frac{145}{145 - ^\circ\text{Bé. at } 60^\circ \text{ F.}}$$

No.		Each.
4050.	Baumé Scale, 0 to 30° in 1/5°	\$0 85
4051.	Baumé Scale, 30° to 50° in 1/5°	85
4052.	Baumé Scale, 50° to 75° in 1/5°	85
4053.	Baumé Scale, 0 to 50° in 1°	85
4054.	Baumé Scale, 0 to 75° in 1°	85

TWADDELL SCALE, FOR LIQUIDS HEAVIER THAN WATER.

$$\text{Specific Gravity } \frac{60^\circ \text{ F.}}{60^\circ \text{ F.}} \text{ in air} = (^\circ\text{Twaddell at } 60^\circ \text{ F.} \times 0.005) + 1.$$

No.		Each.
4071.	Twaddell No. 1, 0 to 24	\$0 85
4072.	Twaddell No. 2, 24 to 48	85
4073.	Twaddell No. 3, 48 to 72	85
4074.	Twaddell No. 4, 72 to 100	85
4075.	Twaddell No. 5, 100 to 132	85
4076.	Twaddell No. 6, 132 to 170	85

No.		Each.
4200.	Alcoholometer, Tralles and Proof Scale	\$1 15
4201.	Alcoholometer, Tralles and Proof Scale, with Thermometer and Correction Table	2 25
4200x.	Alcoholometer, Hand Graduated, Tralles and Proof Scale	2 50
4201x.	Alcoholometer, Hand Graduated, Tralles and Proof Scale, with Thermometer and Correction Table	5 00
4210.	Hydrometer for Acid, Baumé Scale	85
4215.	Hydrometer for Alkali, Baumé Scale	85
4218.	Hydrometer for Ammonia, Baumé Scale	85
4220.	Hydrometer for Bark Liquor, Baumé Scale	85
4223.	Hydrometer for Coal Oil and Benzine, Baumé Scale	85
4230.	Hydrometer for Milk (Lactometer), see page 26	85
4240.	Hydrometer for Salt, Baumé Scale	85
4241.	Hydrometer for Salt, per cent. Scale, 0 to 100 (Salinometer)	85
4250.	Hydrometer for Sugar and Syrup, Baumé Scale	85
*4265.	Hydrometer for Urine (Urinometer), see page 28	85
4268.	Hydrometer for Vinegar, Baumé Scale	85
4270.	Hydrometer for Whale Oil, Baumé Scale	85
4271.	Actinometer for Silver Solution, with Glass Jar	70

Owing to the fragile nature of Hydrometers, they cannot safely be sent by Mail.

HYDROMETER JARS—on Foot.

No. 2700.	With Pour Out.	No. 2701.	Plain.	No. 2702.	With Ground Rim.
		Nos. 2700 and 2701.	No. 2702.	Nos. 2700 and 2701.	No. 2702.
		Per doz.	Per doz.	Per doz.	Per doz.
6 x 1 inch	\$3 00	\$3 25	12 x 2 1/2 inch	\$6 50	\$7 50
8 x 1 1/2 inch	4 00	4 50	12 x 3 inch	8 00	9 00
8 x 2 inch	4 40	5 00	15 x 2 inch	6 40	7 00
8 x 2 1/2 inch	5 25	6 00	15 x 2 1/2 inch	8 25	9 00
10 x 1 1/2 inch	4 75	5 30	15 x 3 inch	9 50	10 50
10 x 2 inch	5 00	5 75	18 x 2 1/2 inch	12 00	13 00
10 x 2 1/2 inch	6 00	6 75	18 x 3 inch	13 00	14 00
12 x 1 1/2 inch	5 00	5 75	21 x 3 inch	15 50	16 00
12 x 2 inch	5 60	6 00			



GRADUATES.

In all our graduating work the Liter of the International Bureau of Weights and Measures is taken as the unit of volume, in accordance with the requirements of the Pharmacopœia.

The Phenix and Acme Graduates are made to *deliver* the quantities indicated, and are standard at 15° C. (59° F.). All readings are to be made at the bottom of the meniscus.

With the aid of apparatus specially devised and controlled by ourselves, we are able to insure absolute freedom from error. In no case is mechanical division employed, but every line on each graduate is determined independently and with the same accuracy. Every graduate is carefully tested after graduation.

A GUARANTEE OF ACCURACY ACCOMPANIES EVERY GRADUATE.

The principal lines on all Graduates, except the "Duplex" and sizes under ½ ounce, extend entirely around the glass, so that a level can be obtained without difficulty.

PHENIX GRADUATES.

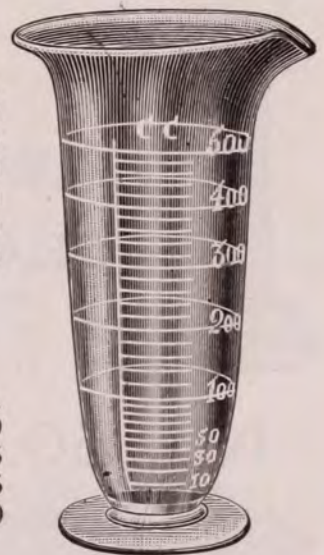
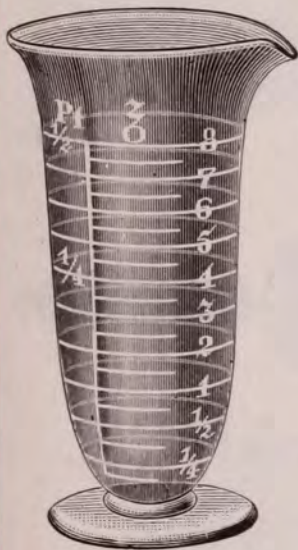
CONE SHAPE.

Apothecaries' Fluid Measure.

To deliver.	Per doz.	To deliver.	Per doz.
60 minims	\$3 75	6 ounces	\$7 00
120 minims	4 50	8 ounces	8 00
½ ounce	3 00	12 ounces	10 00
1 ounce	3 50	16 ounces	12 00
2 ounces	4 00	32 ounces	21 00
3 ounces	4 75	64 ounces	36 00
4 ounces	5 50		

Metric Measure.

To deliver.	Per doz.	To deliver.	Per doz.
5 cc.	\$3 50	120 cc.	\$7 00
10 cc.	4 50	250 cc.	9 75
15 cc.	3 25	500 cc.	14 75
30 cc.	3 50	1,000 cc.	25 50
60 cc.	5 25		



DUPLEX PHENIX GRADUATES.

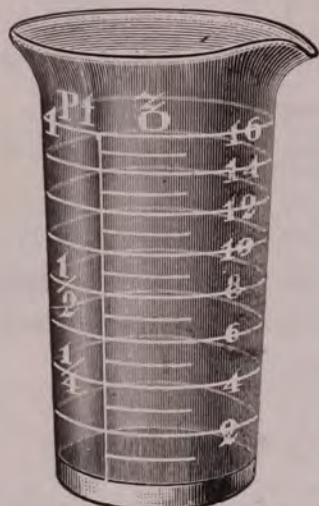
Apothecaries' Fluid Measure on one side and Metric Measure on the other.

CONE SHAPE.

To deliver.	Per doz.	To deliver.	Per doz.
1 drachm, 5 cc. or 60 drops	\$5 25	4 ounces, 120 cc.	\$9 25
2 drachms, 10 cc. or 120 drops	7 00	8 ounces, 250 cc.	13 50
½ ounce, 15 cc.	4 75	16 ounces, 500 cc.	21 00
1 ounce, 30 cc.	5 25	32 ounces, 1,000 cc.	35 00
2 ounces, 60 cc.	6 50		

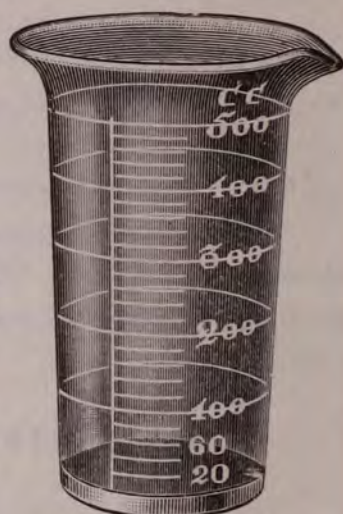
ACME GRADUATES.

Made flat on bottom, without foot, lessening the liability of breakage and reducing the cost. Each Graduate bears our *guarantee of accuracy.*



Apothecaries' Fluid Measure.	
To deliver.	Per doz.
½ ounce	\$3 00
1 ounce	3 50
2 ounces	4 00
4 ounces	5 50
8 ounces	8 00
16 ounces	12 00
32 ounces	21 00

Metric Measure.	
To deliver.	Per doz.
15 cc.	\$3 25
30 cc.	3 50
60 cc.	5 25
120 cc.	7 00
250 cc.	9 75
500 cc.	14 75
1,000 cc.	25 50



DUPLEX ACME GRADUATES.

Apothecaries' Fluid Measure on one side, and Metric Measure on the other.

To deliver.	Per doz.	To deliver.	Per doz.
½ ounce, 15 cc.	\$4 80	8 ounces, 250 cc.	\$12 00
1 ounce, 30 cc.	6 00	16 ounces, 500 cc.	18 00
2 ounces, 60 cc.	7 00	32 ounces, 1000 cc.	30 00
4 ounces, 120 cc.	9 00		

PHENIX MINIM GRADUATES.

With Heavy Base.



	Per doz.		Per doz.
1 dr. or 60 minims	\$5 00	2 dr. or 120 minims	\$6 00

GRADUATE BRUSHES.

	Per doz.
No. 1. 8 inch	\$2 40
No. 2. 11 inch	3 60



No. 50. ANALYTICAL BALANCE.

IN MAHOGANY CASE.

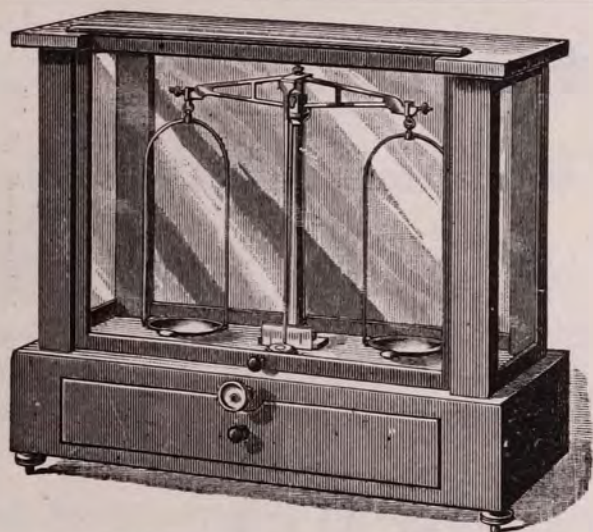
Sensitive to $\frac{1}{10}$ Milligram with Load of 100 Grams.



Short beam of Aluminum, graduated for rider, in $\frac{1}{10}$ milligrams. Aluminum pans, diameter, 3 inches. Other metal parts plated with platinum and non-corrosive. Agate bearings and knife edges.

Each scale is furnished with a set of accurately adjusted analytical weights, platinum plated, from 50 grams to 1 milligram, and 3 riders, in polished box with lid. Also with specific gravity apparatus and metal stand with counterpoise for weighing tubes.

Each, complete with weights \$120 00

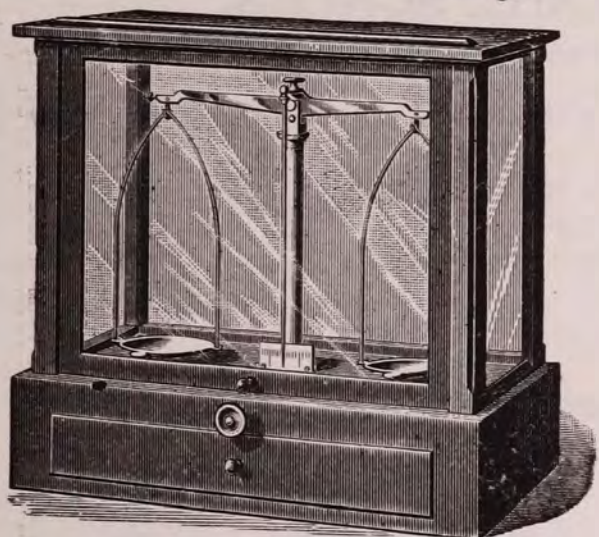


SCALES.

No. 1 BEAM SCALES.

Mahogany Case, Sliding Front, with Counterpoise Weights, Spirit Level, Leveling Screws, Adjusting Screws on ends of Beam, 8 inch Beam, 3 inch Nickel-plated Pans. Brass Work Finely Finished. Thoroughly First-class Scales, and sensitive to $\frac{1}{100}$ of a grain.

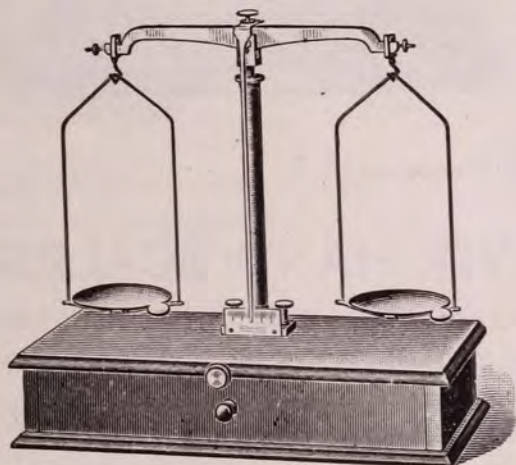
Each \$18 00



No. 20 BEAM SCALES.

In Ebonized Box, with Spring Slide Front. Scales Finely Finished and Nickel-plated. Very Serviceable Scales for druggist's prescription counter.

Each \$29 00



No. 10.

No. 10 BEAM SCALES.

Metal Work Finely Finished, and Mounted on handsome Box. 8½ inch Beam, 3 inch Nickel-plated Pans. Total height, 11½ inches.

Each \$17 50

No. 100 PRESCRIPTION SCALES.

6 inch Beam. 3 inch Pans. Walnut Box.

	Each.
Brass	\$6 00
Nickel-plated	6 50



No. 100.

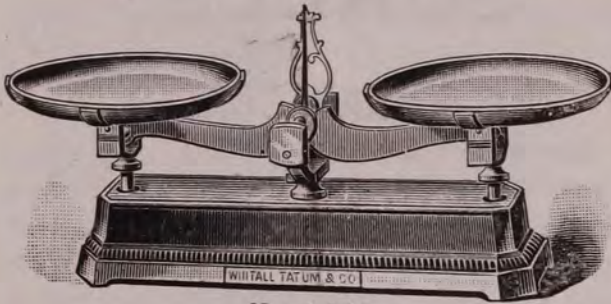
No. 110 PRESCRIPTION SCALES.

Brass. 6 inch Beam, Downward Pointer ;
3 inch Pans. Walnut Box.

Each \$8 00

Above prices do not include Weights.

ROBERVAHL SCALES.



Nos. 1 & 2.

No. 1. BRONZED IRON BASE. BRASS PANS.

		Diameter of Pans.	Each.
No. 1.	½ Kilo— 1 lb.	4½ inches	\$5 00
No. 1.	1 Kilo— 2 lbs.	5½ inches	5 80
No. 1.	2 Kilo— 4 lbs.	6¼ inches	7 00
No. 1.	5 Kilo—10 lbs.	7¾ inches	9 40
No. 1.	10 Kilo—20 lbs.	8¾ inches	11 25

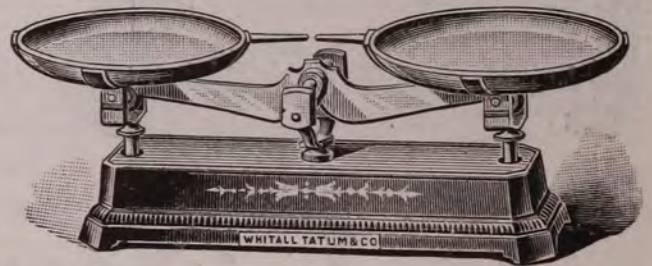
IMPROVED ROBERVAHL SCALES.

MANUFACTURED SOLELY FOR W. T. CO.

No. 2. Finely finished and lacquered Black Base with gold decoration, Brass Pans, Upright Pointer.

		Diameter of Pans.	Each.
No. 2.	½ Kilo— 1 lb.	4½ inches	\$6 00
No. 2.	1 Kilo— 2 lbs.	5½ inches	6 60
No. 2.	5 Kilo—10 lbs.	7¾ inches	11 00
No. 2.	10 Kilo—20 lbs.	8¾ inches	13 00

No. 3. Finely finished and lacquered Black Base with gold decoration, suitable for use on Counter. Pointers attached to Pan Holders, as shown in cut. Beam, Pointers, Pan Holders, and Pans Nickel-plated and Polished.



No. 3.

	Diameter of Pans.	Each.
No. 3.	5 Kilo—10 lbs. 7¾ inches	\$13 50

Above prices do not include Weights.

No. 200 PHENIX HAND SCALES.

6 inch Beam. Hanger, Beam and Pans Nickel-plated and Polished. In neat Wood Box, with complete set of Brass Weights, from 2 drachms to ½ grain.

Each \$3 00



No. 200.

No. 250 HAND SCALES.

HORN PANS.

Brass. 6 inch Beam. In Paper Box, with complete set of Brass Weights, from 2 drachms to ½ grain.

Each \$3 00



No. 250.

WEIGHTS FOR SCALES.



BLOCK WEIGHTS—Brass.

IN POLISHED
HARDWOOD BLOCK.

	Per set.
2 pounds to $\frac{1}{16}$ ounce	\$9 00
1 pound to $\frac{1}{16}$ ounce	6 00
2 pounds to $\frac{1}{16}$ ounce, nickel-plated	15 75

FINE PRESCRIPTION BLOCK WEIGHTS—Brass.

IN HARDWOOD BLOCK.

	Per set.
$\frac{1}{2}$ ounce to $\frac{1}{8}$ grain, Troy	\$6 30
50 grams to 1 milligram	10 00

METRIC BLOCK WEIGHTS.

	Per set.
10 grams to 1 centigram, in Wood Block	\$1 75
500 grams ($\frac{1}{2}$ kilo) to 1 gram, in Hardwood Block	6 00
1000 grams (1 kilo) to 1 gram, in Hardwood Block	9 00



GRAM WEIGHTS.

IN COVERED HARDWOOD BOXES.

	Per set.
50 grams to 1 centigram	\$4 00
100 grams to 1 centigram	4 80



CASE WEIGHTS—Brass (Filled). FIRST QUALITY.

	Per set.
4 pounds to $\frac{1}{2}$ ounce	\$7 20
2 pounds to $\frac{1}{2}$ ounce	4 50
1 pound to $\frac{1}{2}$ ounce	2 70

TROY CUP WEIGHTS—Brass.

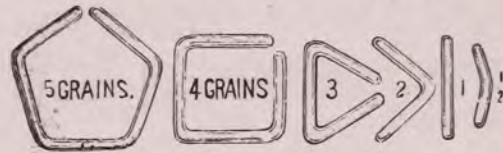
	Per set.
12 ounces to $\frac{1}{4}$ ounce	\$6 80



GRAIN AND DRACHM WEIGHTS—Brass.

	Per set.
Grain Weights, 6 grains to $\frac{1}{2}$ grain	\$0 16
1 ounce to $\frac{1}{2}$ grain, Apothecaries', Block and Coin	1 50
Drachm Weights, Coin, 2 drachms to $\frac{1}{2}$ grain	50

ALUMINUM WIRE WEIGHTS.



	Per set.
5 grains to $\frac{1}{2}$ grain	\$0 50

ALUMINUM SQUARE WEIGHTS.



	Per set.
10 grains to $\frac{1}{2}$ grain	\$0 80
500 milligrams to 10 milligrams	50

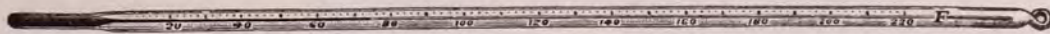
GLASS SCALE PANS.



	Per pair.
2, 2 $\frac{1}{2}$, 2 $\frac{3}{4}$ or 3 inches in diameter	\$0 90

CHEMICAL THERMOMETERS.

GRADUATED ON THE GLASS.



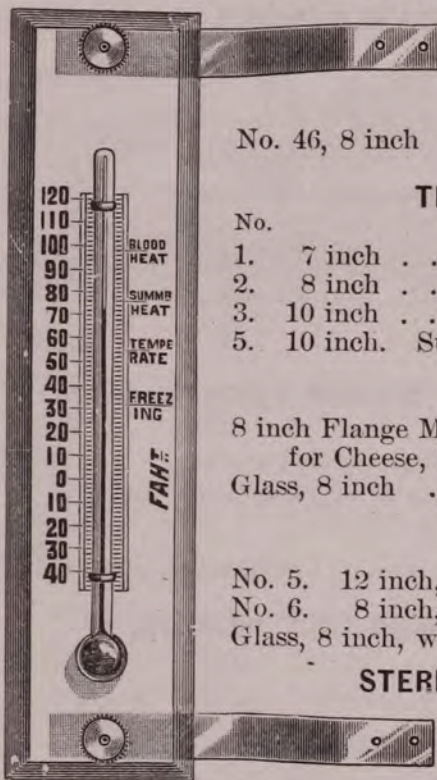
W. T. CO. STANDARD. APPROXIMATE LENGTH, 14 INCHES.

	Per doz.
212° Fahrenheit	\$30 00
400° Fahrenheit	32 00
600° Fahrenheit	36 00
100° Centigrade	30 00
200° Centigrade	32 00
360° Centigrade	36 00

IMPORTED.

	Per doz.
212° Fahrenheit	\$18 00
400° Fahrenheit	20 00
600° Fahrenheit	24 00
100° Centigrade	18 00
200° Centigrade	20 00
360° Centigrade	24 00

MISCELLANEOUS THERMOMETERS.



No. 46.

WINDOW.

Glass. Enameled Face, Nickel-Plated Arms.

No. 46, 8 inch Per doz. \$17 00

TIN CASE. JAPANNED.

No.		Per doz.
1.	7 inch	\$2 00
2.	8 inch	2 20
3.	10 inch	2 50
5.	10 inch. Superior quality	19 20

DAIRY.

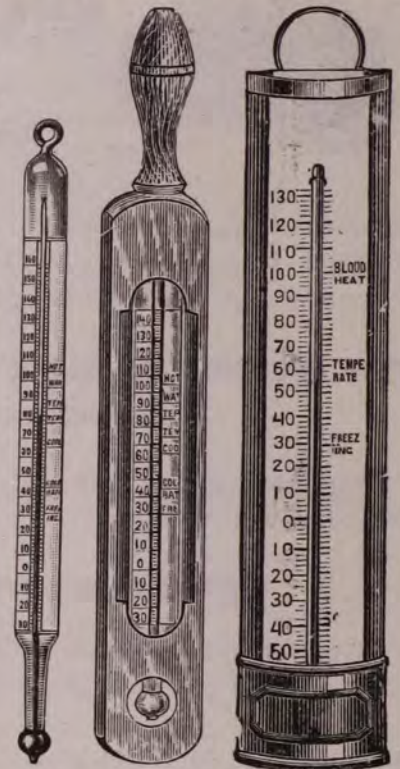
		Per doz.
8 inch Flange Metal Scale, marked for Butter, for Cheese, Scalding, etc.		\$4 00
Glass, 8 inch		3 50

BATH.

		Per doz.
No. 5. 12 inch, in Wood Frame		\$5 00
No. 6. 8 inch, in Wood Frame		3 00
Glass, 8 inch, without Frame		3 50

STERILIZING THERMOMETERS.

		Per doz.
Glass, 5½ inch		\$9 00
Glass, 10 inch		12 00



Glass Bath.

No. 5 Bath.

Tin Case.

W. T. CO. MILK TEST SETS.

No. 1. Consisting of two Jars, 11½ x 2¾ inches, graduated at top in $\frac{1}{100}$ from 0 down to 30—one Jar 10 x 1¾ inches, graduated from 0 down to 90—and one Lactometer. Complete, put up in neat wooden box.

Each \$2 75

No. 2. For use in hospitals and families. A simple and compact apparatus for determining the purity of milk and its proportion of cream.

The set consists of a Lactometer, a Creamometer, and a Thermometer, packed securely in a neat wooden box, with full directions for use.

Each \$1 80

LACTOMETER.

Each in Case.

Per dozen \$4 50

CREAMOMETER.

Graduated Jar for measuring percentage of cream in milk.

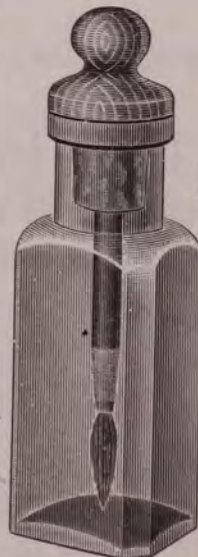
Per dozen \$7 75



No. 20 BRUSH BOTTLE.

2 Drachm Bottle with Wood Top and Camel Hair Pencil. Useful in microscopy.

Per dozen \$0 82

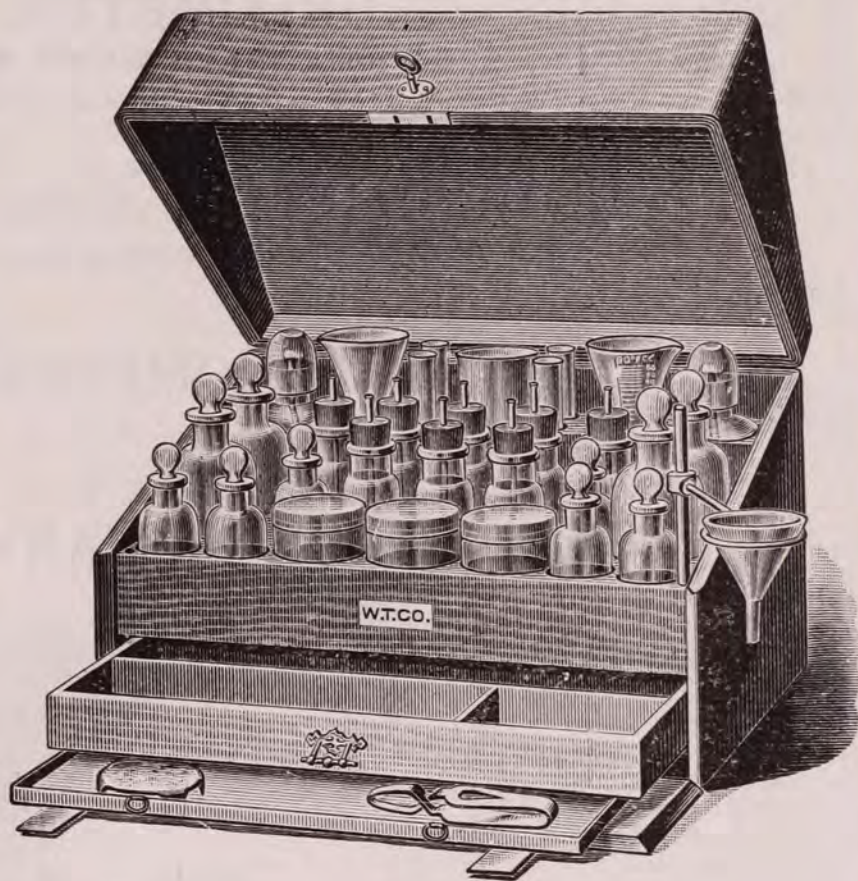


W. T. CO. BACTERIOLOGICAL TEST SET.

In combination with a suitable microscope and its appurtenances, this set forms a complete apparatus for ordinary bacteriological tests. The outfit is enclosed in a handsome case of polished mahogany, with drawer. Size of case, 15 x 10 x 9 inches.

The Set Contains:

- 8 1½-ounce Wide Mouth Bottles, fitted with perforated Soft Rubber Stoppers and Tube Pipettes.
- 6 1-ounce Glass Stoppered Reagent Bottles.
- 4 4-ounce Glass Stoppered Reagent Bottles.
- 3 Glass Boxes with Glass Lids.
- 1 1½-ounce Glass Spirit Lamp, complete.
- 1 Balsam Varnish Bottle.
- 1 Test Glass.
- 1 60 cc. Graduate.
- 1 3-ounce Tall Beaker.
- 4 5-inch Test Tubes.
- 1 5-inch Glass Stirring Rod.
- 1 Extra Tube Pipette.
- 1 2¼-inch Evaporating Dish, Dark Glass.
- 1 2¼-inch Evaporating Dish, Berlin Porcelain.
- 1 Platinum Teasing Needle, on Glass Rod.
- 1 2-inch Glass Funnel.
- 1 Adjustable Funnel Holder.
- 1 Zinc Tray, 8½ x 13¼ inches.
- 1 Pair Steel Pincers.
- 1 Copper Heating Plate.
- 1 Pack 4-inch Filter Paper, White.
- 1 Sheet Gummed Labels.
- Blotting Paper.
- Each \$16 00



PHYSICIANS' POCKET CASES.

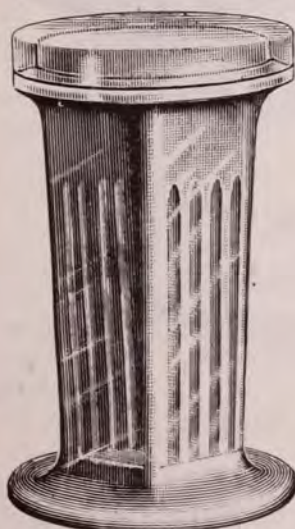
MOROCCO LEATHER.

COMPLETE WITH INSTRUMENTS.

No. 5½ . . \$10 50 each | Briggs' . . \$18 00 each | Gross' Aseptic Instruments . . \$21 00 each
 Lettering Cases in Gold, 20 cents net per line.

COPLIN'S STAINING JAR.

BALSAM VARNISH BOTTLE.

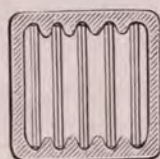


FOR TEN SLIDES.

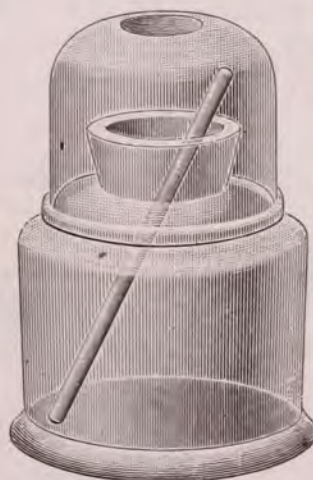
With Glass Lid, ground on Shoulder.

Devised by PROFESSOR W. M. L. COPLIN for use in staining sections for Microscopic work.

Per doz. \$6 00



CROSS-SECTION SHOWING SLIDES IN POSITION.



With Glass Cap Ground on and Glass Rod.

Per doz.

1½-ounce bottles, complete . . \$3 00

FERMENTATION SACCHAROMETER.

DESIGNED BY MAX EINHORN, M.D.

Two Fermentation Tubes and Graduated Test Tube, with directions for use Per set. \$2 40

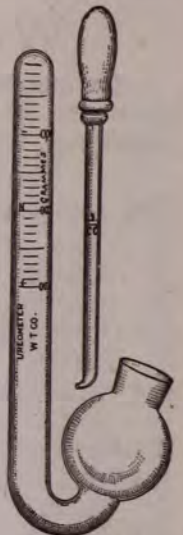


Saccharometer.

UREOMETER.

DESIGNED BY CHAS. DOREMUS, M.D.

Ureometer Glass and Graduated Pipette, with directions for use, Per set. \$1 50



Ureometer.

ALBUMINOMETER. Esbach's.

For the Quantitative Estimation of Albumen in Urine.

With directions for use Each. \$1 35

URINOMETER.

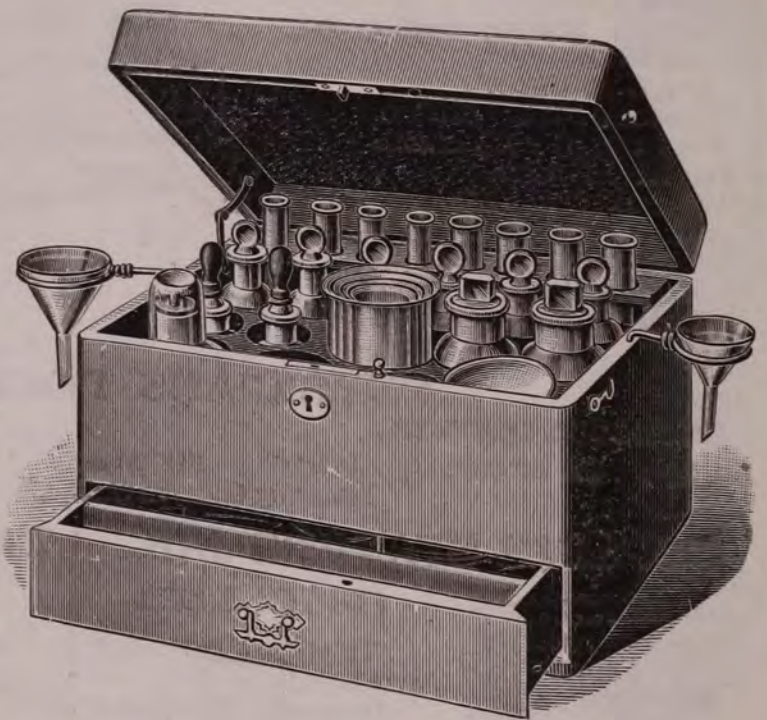
Each in case Per doz. \$6 75

No. 1 W. T. CO.

TEST SET FOR URINARY ANALYSIS.

The set is enclosed in polished Mahogany case, 10 $\frac{3}{4}$ x 7 $\frac{1}{2}$ x 6 $\frac{3}{4}$ inches, with drawer, and comprises the following articles:

- 6 Reagent Bottles, Glass Stoppered.
 - 2 Reagent Bottles, with Pipette Stoppers.
 - 2 Salt Mouth Reagent Bottles, Glass Stoppered.
 - 4 Beaker Glasses, Nested.
 - 12 Test Tubes, Assorted Sizes.
 - 1 Test Tube Rack.
 - 1 Test Tube Holder.
 - 1 Test Tube Brush.
 - 1 Urinometer with Glass, in Case.
 - 1 30-minim Graduated Pipette.
 - 1 Glass Spirit Lamp.
 - 1 Porcelain Evaporating Dish.
 - 6 Small Glass Evaporating Dishes.
 - 2 Glass Funnels.
 - 1 Glass Stirring Rod.
 - 2 Wire Holders for Funnels, etc.
 - 1 Pack W. T. Co. White Filter Paper, 100 Sheets.
 - 1 Screw Capped Vial, containing Litmus Paper, Neutral.
 - 1 Pair Pincers for holding Litmus Paper.
 - 1 Sheet Gummed Labels.
- Each, complete \$10 00



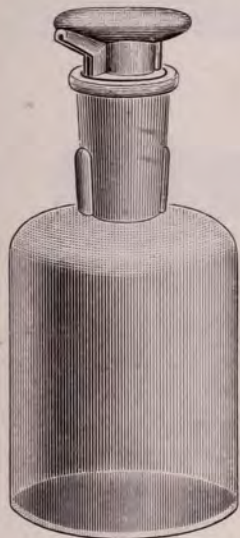
HEAVY CUT-GLASS SPOONS.



Size Tea	Per doz.
Size Dessert	\$4 00
Size Table	5 40
	9 00

DROPPING BOTTLES.

A groove on one side of the neck of the bottle and a vent on the other connect with two grooves in the peg of the stopper, and allow the contents to flow out drop by drop. A quarter turn of the stopper closes the bottle tightly.



ROUND.

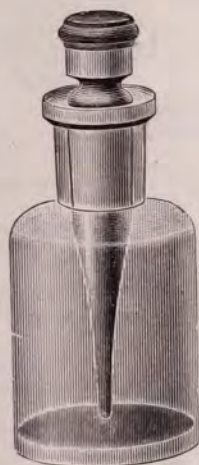
	Per doz.
½ ounce	\$2 15
1 ounce	2 25
2 ounce	2 35

SQUARE.

	Per doz.
½ ounce	\$2 15
1 ounce	2 25
2 ounce	2 35

Square Dropping Bottles can be furnished with lettering blown on one side, in lots of not less than three gross of a size, without extra charge.

ANTISEPTIC MEDICINE DROPPERS.



Nos. 1 and 2.



No. 4.

A pipette is ground into the neck of the bottle as a stopper, the whole forming an air-tight container.

FLINT GLASS.

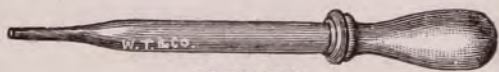
	Per doz.
No. 1. ½-oz. bottle, with capped pipette	\$3 25
No. 2. 1-oz. bottle, with capped pipette	3 25
No. 4. 1-oz. bottle, with bulb pipette	3 25

PIPETTES.

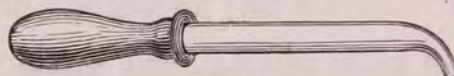
FRENCH PIPETTES—Rubber Bulbs.



BENT.



STRAIGHT.



EXACT.

Exact, Bent, Straight, or Assorted Bent and Straight.

	Per doz.
1 dozen in box	\$0 70

No. 10 MINIM PIPETTE.

Straight Tube, Large Opening to Deliver One-Minim Drops.

	Per doz.
Each in wood case	\$1 20

30 MINIM GRADUATED PIPETTE.

For accurately measuring small doses.

	Per doz.
Each in separate box	\$4 00

SCOOPS.

Horn, Square Ends.



No.	Per doz.	No.	Per doz.
1.	\$1 10	3.	\$2 00
2.	1 45	4.	2 50

Horn, Spoon Shape.



No.	Per doz.	No.	Per doz.
1.	\$1 10	4.	\$2 50
2.	1 45	0.	3 00
3.	2 00		
5. Long and Narrow	2 50		

Hard Rubber.

No.	Per doz.
1.	\$3 00
2.	3 80
3.	5 30

W. T. CO. PASTE POT.



No.	
1. Pint Glass Jar, Metal Screw Cap, Funnel Top, Brush and Metal Guard.	
Each	\$1 00

STEEL SPATULAS.



Patent Cocoa Handles—Riveted.

	Per doz.		Per doz.
3 inch	\$4 60	7 inch	\$9 40
4 inch	5 00	8 inch	11 50
5 inch	6 00	10 inch	18 75
6 inch	7 20	12 inch	33 25

Patent Ebony Handles—With Nickel Tips and Bolsters.

	Per doz.		Per doz.
3 inch	\$6 25	7 inch	\$10 50
4 inch	6 75	8 inch	12 75
5 inch	7 50	10 inch	23 00
6 inch	8 75	12 inch	38 50

Steel Handles—Solid Steel—Nickel-Plated.

	Per doz.		Per doz.
3 inch	\$8 00	7 inch	\$12 25
4 inch	8 75	8 inch	15 00
5 inch	9 75	10 inch	27 50
6 inch	10 80	12 inch	46 00

High Balance—Patent Cocoa Handles—Riveted.

	Per doz.		Per doz.
3 inch	\$5 40	5 inch	\$6 50
4 inch	6 00	6 inch	8 00

PILL SPATULAS.



Ebony Handles. Short Stiff Steel Blades.

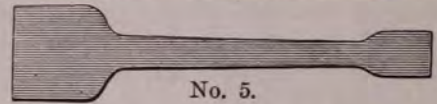
	Per doz.
2½ inch	\$7 00
3½ inch	7 75

HARD RUBBER SPATULA.

Without Handle.

No. 1. 9 inch	Per doz.	\$2 40
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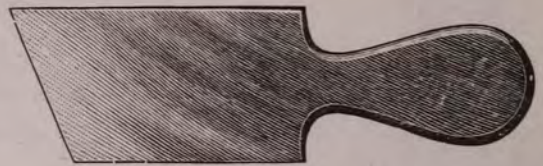
HORN SPATULAS.



No. 5.



Nos. 0, 4 and 6.



No. 75.

No.	Per doz.	No.	Per doz.
1.	\$1 10	5.	\$1 60
3.	1 60	6.	2 15
4.	1 60	0.	2 70

No. 75, 6½ x 2 inches, for use with Tablet Triturate Mould, \$6 00 per dozen.

With Cocoa Wood Handle.



No. 30.



No. 50.

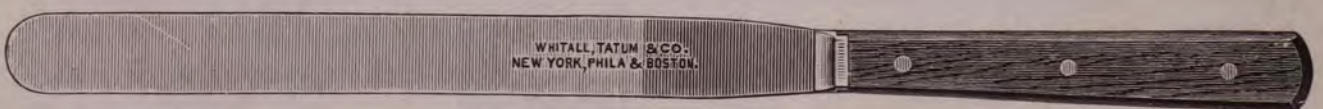
No.		Per doz.
10.	Blade about 4 inches by ½ inch . . .	\$2 50
20.	Blade about 5 inches by 1 inch . . .	2 80
30.	Blade about 6 inches by 1¼ inches . .	3 00
50.	Blade about 5½ inches by ½ in. Bent,	2 80

HORN SPOONS. Long Handle.



No.	Per doz.	No.	Per doz.
1/8.	\$1 00	3.	\$1 60
1/4.	1 00	4.	2 15
1.	1 10	6.	2 50
2.	1 35	7.	3 50

W. T. Co. Powder Spatula.



Flexible Steel blade, 6 inches long, for use in a Mortar. Cocoa Handle Per doz. \$7 20

W. T. CO. FILTER PAPER. WHITE AND GRAY.

UNSURPASSED IN STRENGTH, UNIFORMITY OF TEXTURE, AND CLEAR, RAPID FILTERING. ESPECIALLY ADAPTED FOR PHARMACEUTICAL AND QUALITATIVE WORK, AS WELL AS FOR GENERAL MANUFACTURING PURPOSES.

ROUND. 100 SHEETS IN PACK.

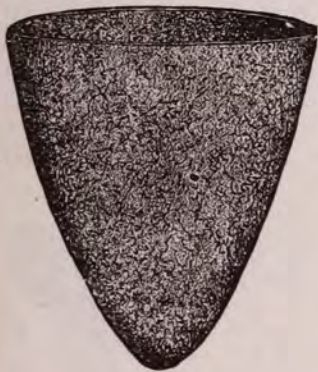
WHITE.		WHITE.		GRAY.	
Diameter.	Per pack.	Diameter.	Per pack.	Diameter.	Per pack.
3 inches. (7½ cm.)	\$0 10	6 inches. (15 cm.)	\$0 20	15 inches. (38 cm.)	\$0 86
3½ inches. (9 cm.)	11	7 inches. (18 cm.)	26	18 inches. (45 cm.)	1 20
4 inches. (10 cm.)	12	8 inches. (20 cm.)	33	20 inches. (50 cm.)	1 50
4½ inches. (11 cm.)	14	10 inches. (25 cm.)	46	24 inches. (60 cm.)	2 00
5 inches. (12½ cm.)	15	13 inches. (33 cm.)	70		
GRAY.		GRAY.		GRAY.	
Diameter.	Per pack.	Diameter.	Per pack.	Diameter.	Per pack.
4 inches. (10 cm.)	\$0 11	8 inches. (20 cm.)	\$0 28	18 inches. (45 cm.)	\$1 10
5 inches. (12½ cm.)	14	10 inches. (25 cm.)	40	20 inches. (50 cm.)	1 40
6 inches. (15 cm.)	18	13 inches. (33 cm.)	60	24 inches. (60 cm.)	1 80
7 inches. (18 cm.)	24	15 inches. (38 cm.)	76		

IN SHEETS, 19 x 19 INCHES. (48 x 48 CM.)

WHITE.

GRAY.

Per quire . . . \$0 40 Per ream . . . \$6 80 | Per quire . . . \$0 38 Per ream . . . \$6 15



ALL WOOL FELT FILTERS.

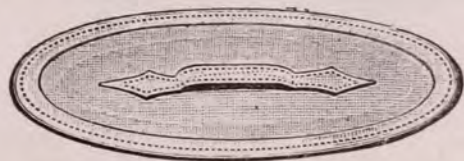
No.	Inches.	Capacity	Per doz.	No.	Inches.	Capacity	Per doz.
1.	8 x 8½.	¼ gallon	\$8 00	6.	14 x 16.	1⅔ gallon	\$28 00
2.	9½ x 10.	½ gallon	12 00	7.	16 x 17½.	2 gallon	36 00
3.	11¼ x 12¼.	¾ gallon	16 00	8.	18 x 20.	3 gallon	42 00
4.	12 x 13½.	1 gallon	20 00	9.	20½ x 22½.	4 gallon	56 00
5.	13 x 14½.	1¼ gallon	24 00	10.	22½ x 24½.	5½ gallon	70 00

Patent Filter Racks and Dreg Squeezers Combined.



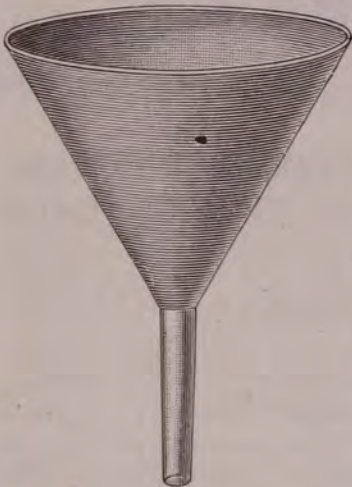
	Per doz.		Per doz.
5 inch . . .	\$6 75	9 inch . . .	\$12 60
7 inch . . .	9 00	12 inch . . .	14 40

CHEMISTS' AND SANITARY COVERS.



Rubber, with handle and stiffened rim.

	Per doz.		Per doz.
5 inch	\$5 40	10 inch	\$8 00
6 inch	6 30	11 inch	8 50
7 inch	6 75	12 inch	9 00
8 inch	7 20	14 inch	13 50
9 inch	7 70	16 inch	16 25



GLASS FUNNELS—Hand Made.

Plain or Fluted. Angle of 60°.

By an arrangement of our own device, we are able to make Chemical Funnels of the correct angle and best shape for preserving the filter paper.

		Per doz.
1 ounce,	2 inches diameter	\$1 75
2 ounce,	2½ inches diameter	1 80
¼ pint,	3½ inches diameter	2 10
½ pint,	4¼ inches diameter	2 80
1 pint,	5½ inches diameter	3 30
1 quart,	7 inches diameter	4 70
½ gallon,	8½ inches diameter	7 20
1 gallon,	10½ inches diameter	11 50
2 gallon,	13 inches diameter	15 75

Ground off at top, when so ordered, at extra price.

For Stopped Funnels, see pages 9 and 10.



PRESSED GLASS FUNNELS—Plain.

		Per doz.
¼ pint,	3½ inches diameter	\$1 10
½ pint,	4¼ inches diameter	1 60
1 pint,	5½ inches diameter	2 40
1 quart,	7 inches diameter	4 00
½ gallon,	8½ inches diameter	5 25

PRESSED GLASS FUNNELS—Ribbed.

Especially adapted for use in Filtering.

		Per doz.
¼ pint,	3½ inches diameter	\$1 10
½ pint,	4¼ inches diameter	1 60
1 pint,	5½ inches diameter	2 40
1 quart,	7 inches diameter	4 00
½ gallon,	8½ inches diameter	5 25
1 gallon,	11 inches diameter	8 00

HANDY FUNNEL—Glass.

2 ounce	Per doz. \$0 72
---------	--------------------



COPPER FUNNELS.

Tin Lined. Seamless Bodies.

	Per doz.
½ pint	\$6 00
1 pint	6 75
1 quart	8 00
½ gallon	11 50
1 gallon	18 75

HARD RUBBER FUNNELS.



	Per doz.		Per doz.
¼ pint	\$6 30	1 pint	\$9 75
½ pint	7 20	1 quart	11 75

HARD RUBBER STRAINING FUNNEL.

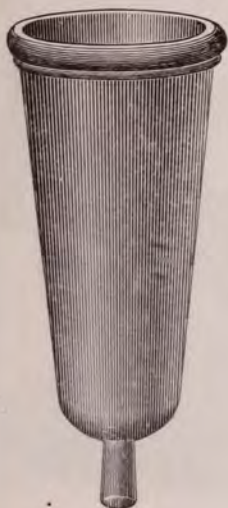
Made in two parts, so that a paper or cloth strainer or filter may be inserted in the body of the funnel.

4 ounce	Per doz. \$12 00
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PERCOLATORS.

GLASS.



	Per doz.
½ pint	\$4 00
1 pint	4 50
1 quart	6 00
½ gallon	8 40
1 gallon	11 50
1½ gallon	16 75
2 gallon	24 75
3 gallon	39 00

Stoppered, or with supporting ring on side, at extra price.

NARROW PERCOLATORS.

GLASS.



No.		Per doz.
3.	240 cc., about ½ pint .	\$4 00
4.	360 cc., about ¾ pint .	4 40
5.	530 cc., about 1 pint .	5 20
6.	740 cc., about 1½ pint .	6 40
7.	1,240 cc., about 2½ pint .	8 40
8.	1,960 cc., about ½ gallon	11 00
9.	3,000 cc., about 3 quart	13 50
10.	3,780 cc., about 1 gallon	21 00
12.	7,600 cc., about 2 gallon	29 00

Perforated Rubber Stoppers for above, 5 cents each, net.

TIN PERCOLATORS.

With Perforated Diaphragms.



	Plain. Each.	With Stop Cock. Each.
1 quart	\$1 00	\$1 60
½ gallon	1 20	1 80
1 gallon	1 50	2 10
2 gallon	2 10	2 80
3 gallon	2 80	3 50
5 gallon	3 60	4 30

GRADUATED PERCOLATING JARS.

For Receiving the Percolate.



To contain.	Per doz.
1 quart	\$14 50
½ gallon	21 50
1 gallon	32 00
2 gallons	48 00
1 liter	15 00
2 liters	22 00
4 liters	33 00
8 liters	50 00

COPPER LIQUID MEASURES.

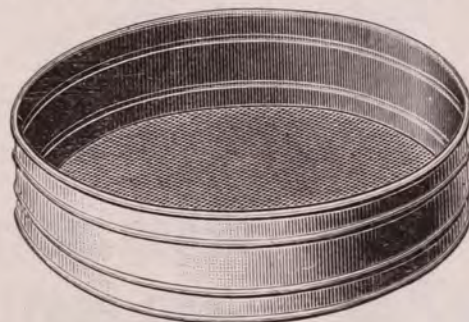
Tin Lined.



	Each.
½ pint	\$0 70
1 pint	90
1 quart	1 20
2 quart	1 80
4 quart	2 70

W. T. CO. BRASS SIEVES

Brass Wire Cloth. Lacquered Tin Frames.



Diameter.	Meshes to Sq. inch.	Each.
6 inches,	80 mesh	\$1 20
6 inches,	100 mesh	1 40
8 inches,	60 mesh	1 20
8 inches,	70 mesh	1 40
10 inches,	40 mesh	1 40
10 inches,	50 mesh	1 50
10 inches,	80 mesh	3 00
12 inches,	20 mesh	1 70
12 inches,	30 mesh	1 80
12 inches,	80 mesh	3 00

Wedgwood Mortars and Pestles.

"ACME" BRAND.
GUARANTEED ACID PROOF.

No.	Diameter.	Approximate Contents.	Per doz.
0000.	3 inches	3 ounces	\$4 30
000.	3 $\frac{1}{4}$ inches	3 $\frac{1}{2}$ ounces	5 10
00.	3 $\frac{1}{2}$ inches	6 ounces	6 00
0.	4 inches	8 ounces	6 75
1.	4 $\frac{1}{2}$ inches	10 ounces	7 80
2.	5 inches	1 $\frac{3}{4}$ pint	10 20
3.	6 inches	1 $\frac{1}{4}$ pints	12 00
4.	6 $\frac{1}{2}$ inches	1 $\frac{3}{4}$ pints	15 00
5.	7 inches	2 $\frac{1}{2}$ pints	19 50
6.	8 inches	3 pints	24 00
7.	8 $\frac{1}{2}$ inches	4 pints	30 00
8.	9 $\frac{1}{2}$ inches	7 pints	39 00
9.	10 $\frac{1}{2}$ inches	9 pints	48 00
10.	12 inches	1 $\frac{1}{2}$ gallons	54 00
11.	13 inches	2 gallons	63 00
12.	14 inches	2 $\frac{3}{4}$ gallons	72 00



PORCELAIN MORTARS AND PESTLES.



SHALLOW SHAPE.

DEEP SHAPE.

No.	Diameter.	Approximate Contents.	Per doz.
000.	7 $\frac{3}{4}$ inches	2 $\frac{1}{2}$ pints	\$24 00
00.	7 inches	1 $\frac{3}{4}$ pints	21 00
0.	6 inches	1 $\frac{1}{2}$ pints	18 00
1.	5 $\frac{1}{2}$ inches	1 pint	15 00
2.	5 inches	10 ounces	13 00
3.	4 $\frac{1}{2}$ inches	5 ounces	9 75
4.	4 inches	3 ounces	6 25

No.	Diameter.	Approximate Contents.	Per doz.
00000.	13 $\frac{1}{2}$ inches	14 pints	\$100 00
0000.	11 inches	7 pints	48 00
000.	9 inches	3 $\frac{1}{4}$ pints	33 00
00.	8 inches	2 $\frac{1}{2}$ pints	30 00
0.	7 $\frac{1}{2}$ inches	2 pints	24 00
1.	6 $\frac{1}{4}$ inches	1 pint	15 00
2.	5 $\frac{1}{2}$ inches	3 $\frac{3}{4}$ pint	12 00
3.	4 $\frac{3}{4}$ inches	1 $\frac{1}{2}$ pint	10 50
4.	3 $\frac{3}{4}$ inches	5 ounces	8 00
5.	3 $\frac{1}{2}$ inches	3 ounces	6 50
6.	3 inches	2 ounces	5 00



GLASS MORTARS AND PESTLES.

	Per doz.
1 ounce	\$4 50
2 ounce	4 75
4 ounce	5 75
8 ounce	7 50
16 ounce	10 25
32 ounce	16 50

IRON MORTARS AND PESTLES.

BELL SHAPE.

	Each.	Each.
	Plain.	Turned.
3 $\frac{7}{8}$ inch, 1 $\frac{1}{2}$ pint	\$0 44	\$0 80
5 inch, 1 pint	88	1 25
5 $\frac{1}{2}$ inch, 1 quart	1 30	1 70
6 $\frac{1}{2}$ inch, 1 $\frac{3}{4}$ quart	1 55	2 60
8 $\frac{1}{4}$ inch, 3 $\frac{1}{2}$ quart	3 00	3 60

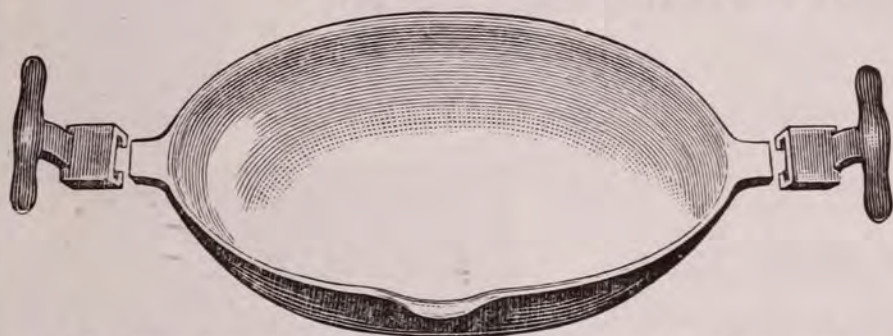


PILL PESTLE—Wedgwood.

About 8 inches long, with rounded end. Suitable for working pill mass in mortar.

Per dozen . . . \$3 00

EVAPORATING DISHES. PHENIX. PORCELAIN LINED.

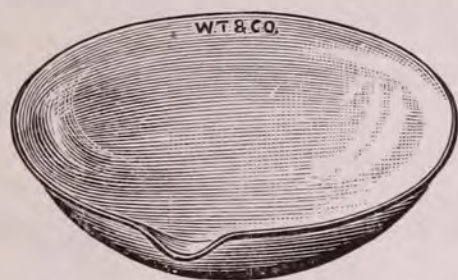


Iron, with Detachable Handles.

		Each.
7 inch.	1½ pint	\$1 00
8 inch.	1 quart	1 20
10 inch.	½ gallon	1 50
13 inch.	1 gallon	2 20
16 inch.	2 gallon	4 25
18 inch.	3 gallon	5 75

The Porcelain Lining is warranted acid proof, and extends over the oval rim of the dish, preventing the contents from coming in contact with the iron. The dishes are turned smooth on the inside before applying the porcelain, so that the surface of the lining is even and free from holes. Each dish is furnished with two handles, which are easily attached when it is to be removed from the fire.

BERLIN PORCELAIN.



SIZES GIVEN ARE APPROXIMATE.

No.		Per doz.
00000.	2¼ inch	\$2 00
0000.	2¾ inch	2 25
000.	3¼ inch	2 50
00.	3½ inch. 2 ounce	3 00
0.	4¼ inch. 4 ounce	4 50
1.	5¼ inch. 7 ounce	5 50
2.	6½ inch. 1 pint	7 80
3.	7¾ inch. 1½ pint	10 00
4.	9¼ inch. 2½ pint	12 00
5.	10½ inch. 3½ pint	15 60
6.	11¼ inch. 5 pint	21 00
7.	11¾ inch. 5½ pint	27 00
8.	12¼ inch. 7 pint	33 00
9.	13½ inch. 1½ gallon	39 00
10.	14¾ inch. 1½ gallon	48 00
11.	16¼ inch. 1¾ gallon	54 00
12.	17¾ inch. 2½ gallon	78 00

GERMAN PORCELAIN.



Glazed Inside, with Heavy Rim around the Top.

SIZES GIVEN ARE APPROXIMATE.

No.		Each.
00.	17½ inch. 3 gallon	\$5 00
0.	14¼ inch. 2 gallon	3 50
1.	12 inch. 1 gallon	2 10
2.	11 inch. 3 quart	1 75
3.	10½ inch. ½ gallon	1 30
4.	9½ inch. 3 pint	1 00
5.	8 inch. 1 quart	90
6.	7¾ inch. 24 ounce	75
7.	6¾ inch. 20 ounce	65
8.	5¾ inch. 16 ounce	55
9.	5 inch. 8 ounce	45

GENUINE ROYAL BERLIN CHINA.

Glazed inside and out, with lip.

Nos. 000 to 5, round bottom.

No.	Diameter.	Contents.	Each.
000.	1 inch.	½ ounce	\$0 20
00.	2¼ inches.	1½ ounces	36
0.	3 inches.	2 ounces	40
1.	3¼ inches.	3 ounces	60
2.	3½ inches.	4 ounces	64
3.	3¾ inches.	6 ounces	70
4.	4¼ inches.	8 ounces	90
5.	4¾ inches.	10 ounces	1 10

Nos. 6 to 12, flat bottom.

No.	Diameter.	Contents.	Each.
6.	6 inches.	14 ounces	\$1 40
7.	7 inches.	24 ounces	1 70
8.	8¾ inches.	3 pints	2 40
9.	10½ inches.	½ gallon	3 50
10.	12¼ inches.	7 pints	5 50
11.	14 inches.	1½ gallons	7 00
12.	16¼ inches.	2 gallons	16 00

CRUCIBLES.

SAND OR HESSIAN—Triangular Form.



		Height of Largest.	Width on Top.	Per Nest.
Small 5s.	3 in nest	4 inches	3 inches	\$0 10
Large 5s.	5 in nest	4½ inches	3¾ inches	20
Large 6s.	6 in nest	5½ inches	4½ inches	30

BERLIN PORCELAIN.

WITH COVERS. GLAZED INSIDE AND OUTSIDE.



	Per doz.
4 cc.	\$1 92
10 cc.	2 64
15 cc.	3 60
30 cc.	4 32
60 cc.	4 80
75 cc.	5 76
100 cc.	7 20

GENUINE ROYAL BERLIN CHINA.

WITH COVERS. GLAZED THROUGHOUT.

No.		Each.
000.	5 gram, 1 inch diameter	\$0 24
00.	13 gram, 1¼ inches diameter	36
0.	14 gram, 1½ inches diameter	50
1.	25 gram, 1¾ inches diameter	60
2.	45 gram, 2 inches diameter	80
3.	90 gram, 2½ inches diameter	1 00
4.	150 gram, 3 inches diameter	1 20
5.	265 gram, 3½ inches diameter	1 40



CASSEROLES.

PORCELAIN.

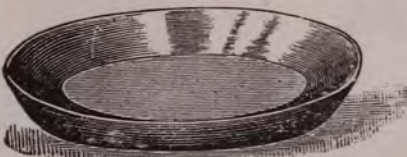


No.		Per dozen.	
		With Porcelain Handle.	With Cover and Wood Handle.
00.	(⅛ liter) ¼ pint, 3½ inches diameter	\$5 40	\$7 60
0.	(¼ liter) ½ pint, 4 inches diameter	6 50	8 75
1.	(⅜ liter) ¾ pint, 4½ inches diameter	7 80	9 60
2.	(½ liter) 1 pint, 4½ inches diameter	9 60	12 50
3.	(¾ liter) 1½ pint, 6½ inches diameter	15 25	19 50
4.	(1 liter) 2 pint, 6¾ inches diameter	21 60	25 00

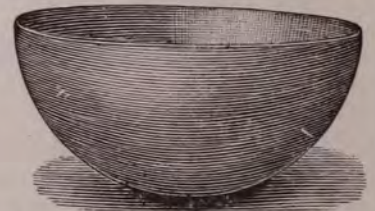
GENUINE ROYAL BERLIN CHINA CASSEROLES.

WITH PORCELAIN HANDLES.

No.		Each.	No.		Each.
1.	½ ounce, 2 inches diameter	\$0 70	4.	12 ounce, 4½ inches diameter	\$1 80
2.	1½ ounce, 2¾ inches diameter	80	5.	24 ounce, 5½ inches diameter	2 80
3.	3 ounce, 3½ inches diameter	1 00	6.	48 ounce, 6½ inches diameter	3 50
3a.	6 ounce, 3¾ inches diameter	1 40	7.	64 ounce	6 00



SAND BATHS.



SHALLOW FORM—Russia Iron.

	Each.
3 inches diameter	\$0 28
4 inches diameter	35
5 inches diameter	45
6 inches diameter	60

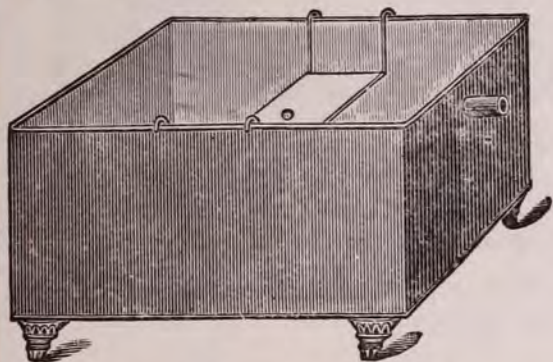
DEEP FORM—Iron.

	Each.
3 inches diameter	\$0 28
4 inches diameter	35
5 inches diameter	45
6 inches diameter	60
8 inches diameter	85

WATER BATHS.

Polished copper, tin-lined, with concentric copper rings, cover and steam escape.

Diameter.	Each.	Diameter.	Each.
4 inches, 3 rings . . .	\$1 50	6 inches, 5 rings . . .	\$2 50
5 inches, 4 rings . . .	2 00	8 inches, 6 rings . . .	4 00
5½ inches, 6 rings . . .	2 35	10 inches, 7 rings . . .	8 50



PNEUMATIC TROUGHS.

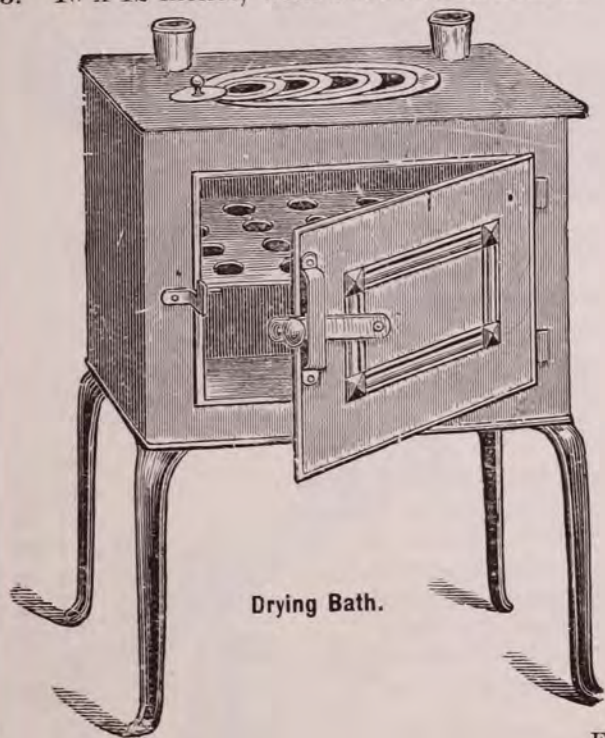
Tin, japanned, with sliding shelf and overflow.

No.	Inches.	Each.	No.	Inches.	Each.
1.	10 x 7 x 5 . . .	\$2 25	4.	18 x 12 x 8 . . .	\$3 75
2.	12 x 9 x 5 . . .	2 50	5.	16 x 12 x 12 . . .	4 50
3.	15 x 11 x 5 . . .	3 00			

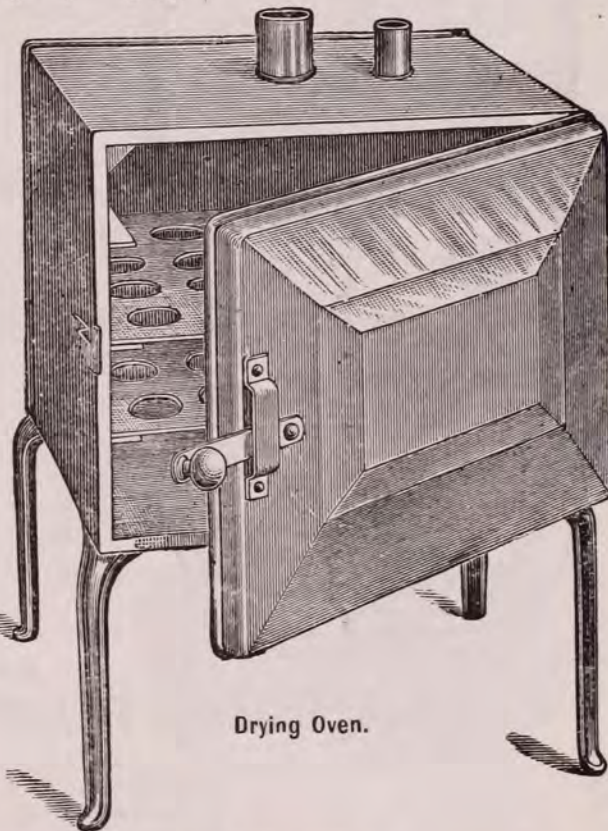
DRYING OVENS. SINGLE WALL.

Made of polished copper, with tubulations for thermometer and gas regulator, extra sheet iron bottom, and four detachable iron legs.

No.	Each.
1. 6 x 8 inches, with 1 removable shelf . . .	\$9 00
2. 8 x 10 inches, with 1 removable shelf . . .	12 00
3. 10 x 12 inches, with 2 removable shelves . . .	16 00



Drying Bath.



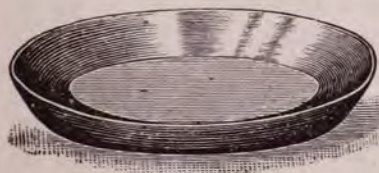
Drying Oven.

DRYING BATHS. DOUBLE WALL.

Made of polished copper, with tubulations for thermometer and gas regulator, extra sheet iron bottom, and four detachable iron legs.

	Each.		Each.
6 x 8 inches, with 1 removable shelf . . .	\$10 00.	Same, with water bath top	\$13 00
8 x 10 inches, with 1 removable shelf . . .	14 00.	Same, with water bath top	16 00
10 x 12 inches, with 2 removable shelves, . . .	18 00.	Same, with water bath top	20 00

LEAD DISHES. SHEET LEAD.



	Each.		Each.
2 inches diameter	\$0 30	4 inches diameter	\$0 60
2½ inches diameter	35	5 inches diameter	70
3 inches diameter	40	6 inches diameter	80
3½ inches diameter	50		

ARNOLD STEAM STERILIZERS.

FOR HOSPITALS AND LABORATORIES.

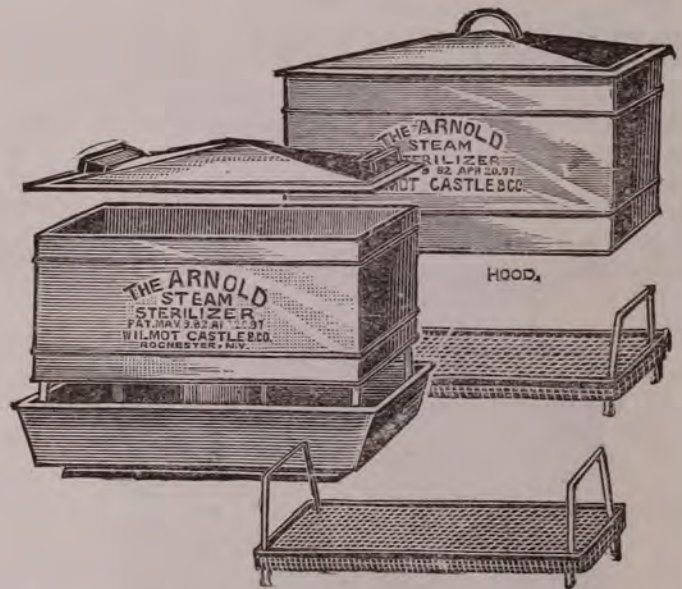
These Sterilizers maintain an unvarying temperature of 100° C. (212° F.) in all parts of the Sterilizing Chamber **without needing any care or attention.** They are used extensively for sterilizing instruments, bandages, dressings, clothing, etc.

The Instrument Sterilizers are furnished with two Perforated Racks, or one Perforated Rack and one Zinc Tray for Sterilizing Instruments in a solution of Carbonate of Soda and water, which prevents their rusting.

DESCRIPTION.—Water is poured into the **pan or reservoir**, whence it passes slowly through three small apertures into the **Shallow Copper Vessel** beneath, becomes converted into steam, and rises through the Funnel in the center to the **Sterilizing Chamber** above. Here it accumulates under moderate pressure at a temperature of 212° F. The excess of steam escapes about the cover, becomes imprisoned under the **Hood**, and serves to form a **Steam Jacket** between the wall of the Sterilizing Chamber and the Hood. As the steam is forced down from above and meets the air, it condenses and drips back into the reservoir.



Nos. 22 to 35.



Nos. 64 to 78.

GENERAL PURPOSE STERILIZERS.

Sizes Given are of Sterilizing Chambers.

No.	Height.	Diameter.		Each.
22.	7 1/4 inches	8 1/4 inches	Heavy Tin, Copper Bottom	\$2 75
23.	10 1/8 inches	9 inches	Heavy Tin, Copper Bottom	3 50
24.	11 1/2 inches	10 1/2 inches	Heavy Tin, Copper Bottom	4 25
25.	12 1/2 inches	11 inches	Heavy Tin, Copper Bottom	4 75
32.	7 1/4 inches	8 inches	All Copper, Polished	7 50
33.	10 1/8 inches	9 inches	All Copper, Polished	11 00
34.	11 1/2 inches	10 1/2 inches	All Copper, Polished	13 00
35.	12 1/2 inches	11 1/4 inches	All Copper, Polished	14 00

SPECIAL INSTRUMENT STERILIZERS.

RECTANGULAR IN SHAPE. FITTED WITH TWO RACKS, OR ONE RACK AND ONE ZINC TRAY.

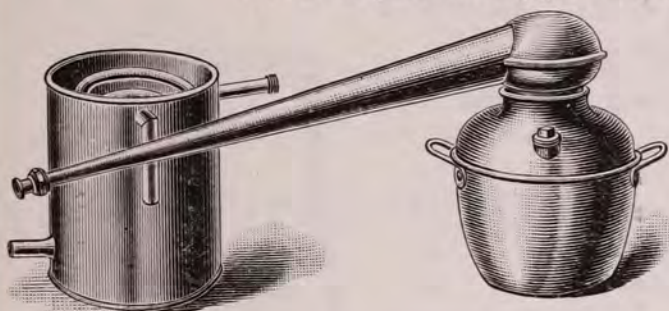
Sizes Given are of Sterilizing Chambers.

No.	Length.	Width.	Height.		Each.
64.	14 inches	6 inches	6 inches	Heavy Tin, Copper Bottom	\$4 50
66.	16 inches	6 3/4 inches	7 inches	Heavy Tin, Copper Bottom	5 50
68.	18 inches	7 1/2 inches	8 inches	Heavy Tin, Copper Bottom	6 50
74.	14 inches	6 inches	6 inches	All Copper	12 00
76.	16 inches	6 3/4 inches	7 inches	All Copper	14 00
78.	18 inches	7 1/2 inches	8 inches	All Copper	17 50

For Sterilizing Thermometer, see page 26.

DISTILLING APPARATUS.

Retort of polished Copper with Zinc Condenser and Block Tin Coil.



	Each.
½ gallon Retort	\$6 00
½ gallon Condenser	6 00
1 gallon Retort	7 50
1 gallon Condenser	7 50
2 gallon Retort	8 50
2 gallon Condenser	8 50
5 gallon Retort	24 00
5 gallon Condenser	21 00

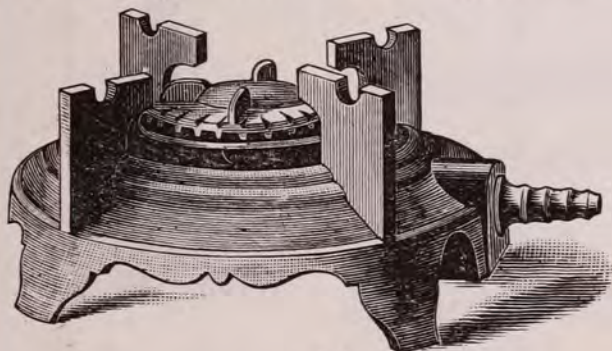
RETORTS—Copper.

FOR MAKING OXYGEN.

Of Heavy Polished Copper, with Iron Clamp and Brass

Delivery Tube.

	Each.		Each.
½ pint	\$3 60	2 pint	\$5 00
1 pint	4 00	4 pint	6 25



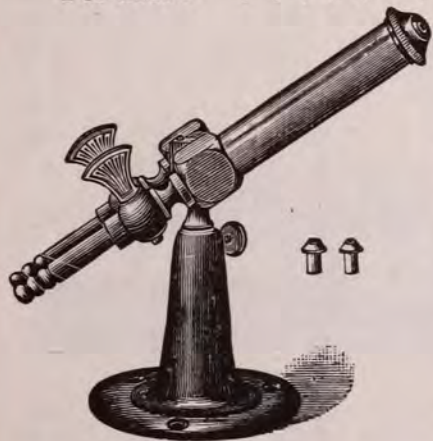
No. 15

W. T. CO. SPIRIT LAMP.

Copper. Capacity, 4 Ounces.

Furnished with extra perforated Cap, for reducing size of flame.

Per dozen \$4 80



No. 1.

BLAST LAMPS.

Bunsen's. For Gas.

No.	Each.
No. 1	\$7 00

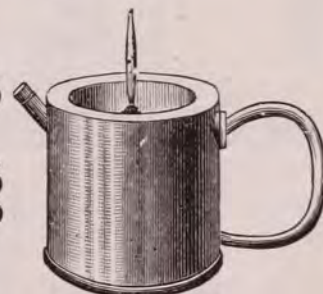
Heavy Copper. For Alcohol.

No.	Each.
No. 2. Small Size	\$3 00
No. 3. Large Size	5 80

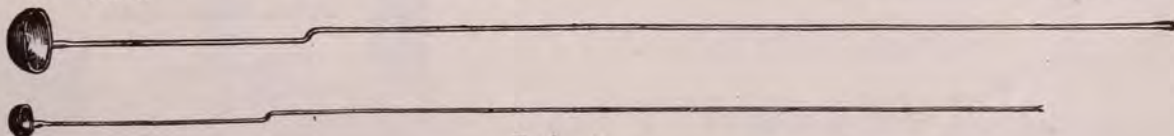
Combustion Spoons.

Iron.

For Burning Phosphorus in Oxygen, Etc.



Nos. 2 and 3.



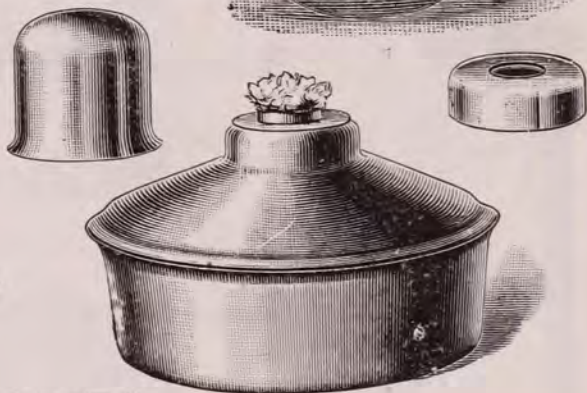
	Each.		Each.
Diameter of Spoon, ½ inch	\$0 45	Diameter of Spoon, 1 inch	\$0 45

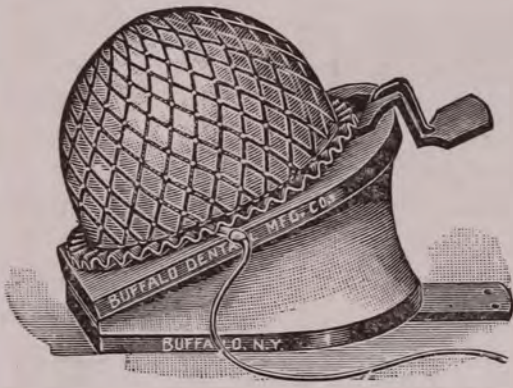


No. 1 W. T. CO. GAS STOVE.

Diameter, 6 in.
Height, 3½ in.

Per doz. . . . \$13 00





FOOT BLOWER.

No. 9 Each. \$8 00

WIRE GAUZE.

Iron, for use on Tripod.

	Each.
4 inches square	\$0 12
5 inches square	16
6 inches square	24
8 inches square	45



TRIPODS—Galvanized Iron.

No.		Each.
1.	7 $\frac{3}{8}$ inches high, Ring 4 $\frac{5}{8}$ inches in diameter	\$0 60
1.	With Adjustable Lamp Bracket as shown in cut	80
2.	9 inches high, Ring 6 inches in diameter	60

HEATING PLATE.

Copper, 2 $\frac{1}{2}$ inches diameter Each. \$0 20



No. 1.

BUNSEN BURNERS.

		Each.
No. 1.	Brass on Iron Base, with Stop to regulate the admixture of air	\$0 60
No. 2.	Self-adjusting, for burning gases of various qualities	2 50



No. 2.

Bunsen Burner Attachments.



1200.



1201.



1202.



1203.



1204.



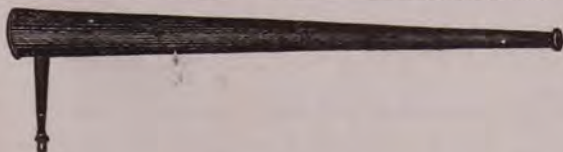
1205 and 1206.

No. 1200.	Burner Tube, fitting inside the burner, for blowpiping with yellow flame,	Each. \$0 35
No. 1201.	Tip, with rest for blowpipe	35
No. 1202.	Crown, giving a round flame for heating small dishes	90
No. 1203.	Gauze Top, giving a large, round flame	70
No. 1204.	Wing Top, for bending glass tubing, etc.	45
No. 1205.	Tripod, small	35
No. 1206.	Tripod, large	50

BLOWPIPES—Plain Brass.

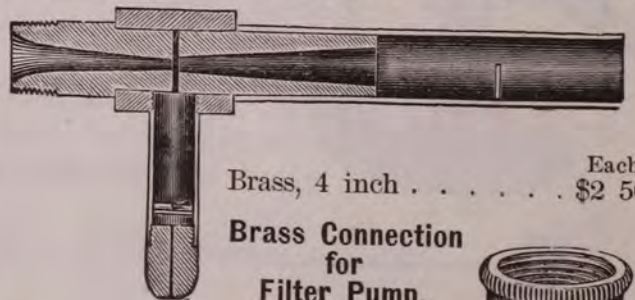
	Per doz.		Per doz.
8 inch	\$3 00	10 inch	\$4 00
9 inch	3 25	12 inch	5 40

BLOWPIPE—Black's.



Conical, of japanned tin, with detachable brass tip Per doz. \$6 00

FILTER PUMP. (Aspirator.)

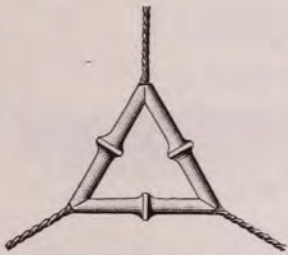


Brass, 4 inch Each. \$2 50

Brass Connection for Filter Pump.



Each \$0 80



CLAY TRIANGLES.

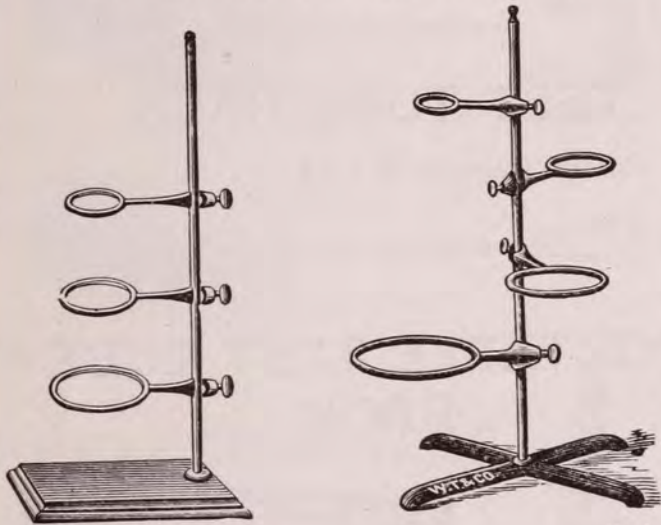
Per doz.
 2 inch \$1 50
 3 inch 1 50
 3 inch, improved . . . 1 70

CRUCIBLE TONGS.



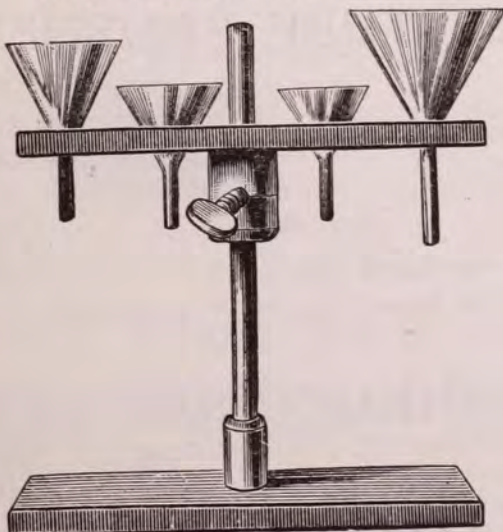
Each.
 Nickel-Plated \$2 00
 Iron 1 00

RETORT STANDS.



Each.
 Iron, with Three Rings \$1 00
 Iron, with Four Rings 1 50

FILTER STAND.

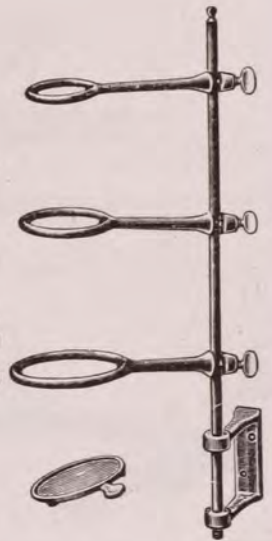


Hard Wood, oiled \$1 80 each.

ACME RETORT BRACKET.

For Attachment to Wall.
 IRON, WITH THREE RINGS AND LAMP PLATE.

Each.
 Complete, with Screws, \$1 20
 Wall Piece only 30



BURETTE HOLDER.

For 13 Burettes.

Each \$5 75



ACME FUNNEL HOLDER.

For Attachment to Wall.

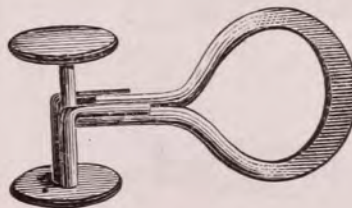
Each \$1 00



MOHR'S SPRING PINCH-COCK.

Brass, Nickel-Plated.

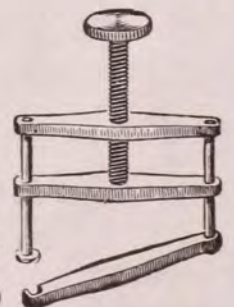
Each \$0 25



SCREW COMPRESSOR.

Improved Form. Nickel-Plated.

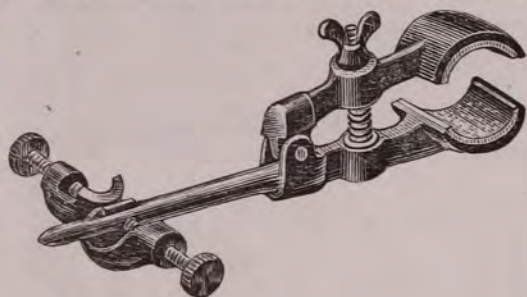
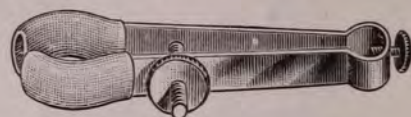
Each \$0 60



No. 1. ACME BURETTE CLAMP.

For Attachment to Retort Stand or Bracket.

Nickel-Plated, with Rubber Guard \$0 50 each.



No. 5 CLAMP—BUNSEN'S. IRON.

With Universal Movement.

For Holding Condensers, Etc.

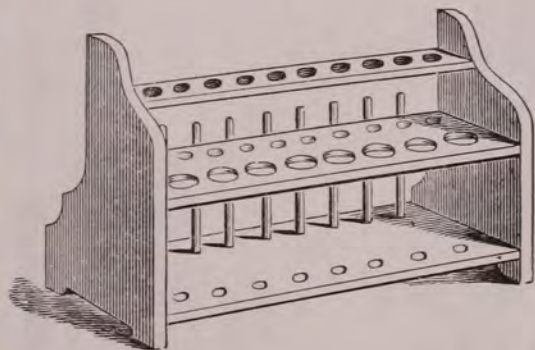
Each \$1 60

No. 10 CLAMP. IRON.

With Check Nut to Adjust Position.

For Holding Burettes.

Each \$1 00



TEST TUBE RACK.

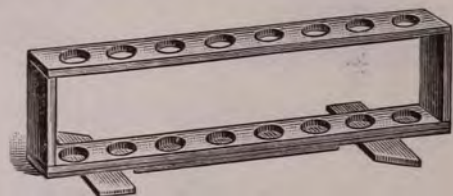
For 18 Tubes, with 8 pins for draining.

Each \$0 80

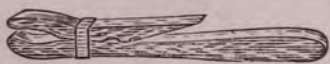
When not in use the feet fold under, reducing the space occupied by the rack to 9½ x 3 x 1¼ inches.

Each \$0 60

PORTABLE TEST TUBE RACK.



TEST TUBE HOLDERS.



No. 1. Wood, with elastic band Each. \$0 18



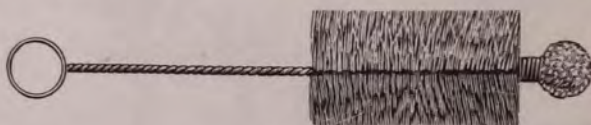
No. 2. Wire, Spring Brass, Nickel-Plated, Each. \$0 30

CORK BORERS.

Brass, Nickel-Plated.

Per set of 3 \$1 50
Per set of 6 2 40

TEST TUBE BRUSHES.



No. 2.

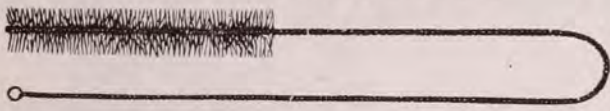
No. 1. On tinned wire Per doz. \$0 60
No. 2. On tinned wire, with sponge end 1 20

STIRRING RODS—Glass.

8 inch Per doz. \$0 35
10 inch 55
12 inch 75

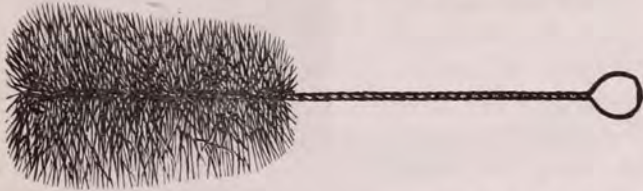
TUBE BRUSH.

FOR CLEANING RUBBER TUBING.



Per dozen \$0 15

BOTTLE BRUSHES.



Regular style \$0 35 per dozen.

PATENTED.



No. 1. Wesley's \$2 40 per dozen.



No. 2. Magic \$1 50 per dozen.

BEAKER BRUSH.

Per doz.

No. 3. Double \$4 80



FILES.

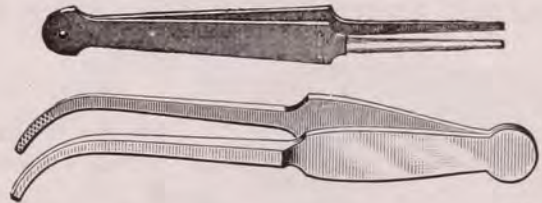
	Each.
3 inch, Triangular	\$0 20
4 inch, Triangular	24
6 inch, Triangular	50
4 inch, Round, with Sharp Points	24
5 inch, Round, with Sharp Points	30
6 inch, Round, with Sharp Points	36
8 inch, Round, with Sharp Points	50

PINCERS.



Steel \$1 00
 Wire, for Litmus Paper, etc. 30

FORCEPS.



Per doz.

4 inch, Straight, Steel	\$1 90
5 inch, Straight, Steel	2 40
6 inch, Straight, Steel	3 60
6 inch, Bent, Brass, Nickel-Plated	10 80

TEASING NEEDLE.

Each.

Platinum Wire, mounted on glass rod . . . \$0 50

ZINC TRAY.

Each.

Oblong, 8½ x 13 inches \$0 30

FINGER COTS.

Per gross.



White	\$7 00
White, heavy	8 00
Black	7 00
Black, heavy	9 00
Maroon	9 00

RUBBER SHEETING.

WHITE.

Per yard.

3-4, made from cloth ¾ yard wide	\$0 95
4-4, made from cloth 1 yard wide	1 20
5-4, made from cloth 1¼ yards wide	1 60

RUBBER TUBING.

Per foot.

Per lb.

⅛ inch bore, White	\$0 04	\$2 35
⅜ inch bore, White	08	2 15
½ inch bore, White	13	2 15
¾ inch bore, White, extra heavy, for use with Bunsen Burner	18	
1 inch bore, White	20	2 15
1 ¼ inch bore, White	25	2 15
1 ½ inch bore, Black	06	5 00
1 ¾ inch bore, Black	12	5 00
2 inch bore, Black	18	5 00
2 ¼ inch bore, Black	36	5 00
2 ½ inch bore, Black	50	5 00

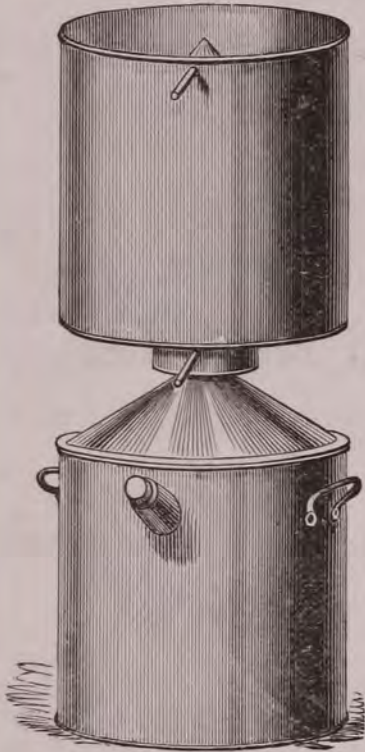
RUBBER BULBS.

Per doz.

Single Neck, without Connection	\$2 00
Double Neck, without Connections	2 40
Double Neck, with Valve Connections	2 75
Atomizer Bulb, with End Valve	2 40
Breast Pump Bulb, Heavy	2 40
Pipette Bulb, White or Black	35

PHENIX PHARMACEUTICAL CONDENSERS.

An Improved Apparatus for Distilling Water, recovering Alcohol from mass left from Percolation, etc.

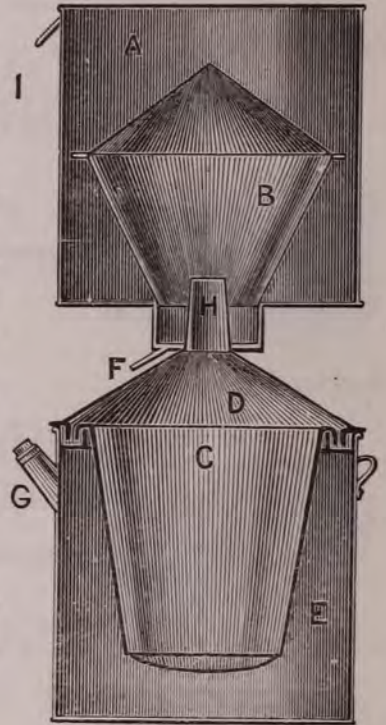


E is the boiler. The pan *C* can be used as a water bath when required. The vapor rises through the spout *H* into the chamber *B*, where it is condensed, the reservoir *A* being supplied with cold water, ice or snow. The condensed liquid flows into the trough around the spout *H*, and is discharged through the tube *F*. *G* is opening, closed with a screw cap, through which the boiler can be supplied with water. *I* is overflow pipe for *A*.

When desired, a thermometer can be placed in *G*, so that the temperature can be regulated.

The boiler *E* contains two gallons. Its diameter being $9\frac{1}{4}$ inches, it can be used on any oil or gas stove.

	Each.
Tin	\$10 80
Copper	16 00



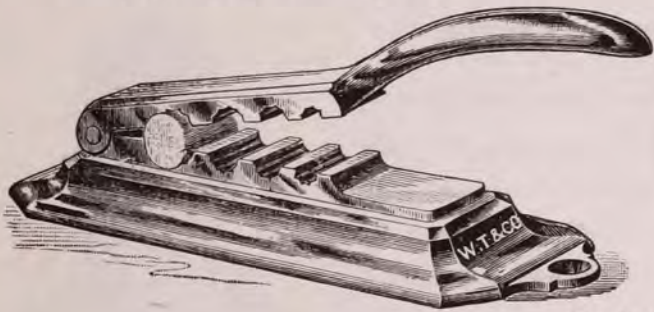
W. T. Co. Nos. 15 and 20 Drawer Pulls.



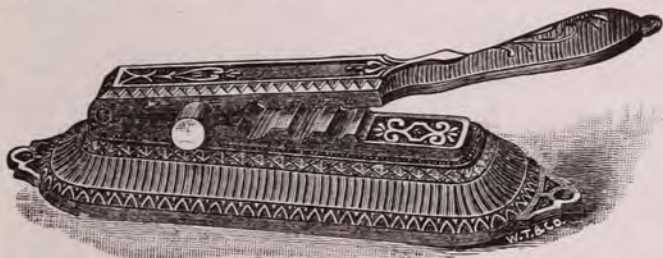
				Per doz.
No. 15.	Brass Finished.	Size $4\frac{1}{8}$ x $1\frac{3}{4}$ inches.	Without Labels	\$2 00
No. 15.	Nickel-Plated.	Size $4\frac{1}{8}$ x $1\frac{3}{4}$ inches.	Without Labels	2 10
No. 20.	Brass Finished.	Size $3\frac{1}{4}$ x $1\frac{3}{8}$ inches.	Without Labels	1 80
No. 20.	Nickel-Plated.	Size $3\frac{1}{4}$ x $1\frac{3}{8}$ inches.	Without Labels	1 90
Glass Labels for above				1 50

We furnish other styles of Drawer Pulls, some of cheaper grade, description and prices of which will be sent on application.

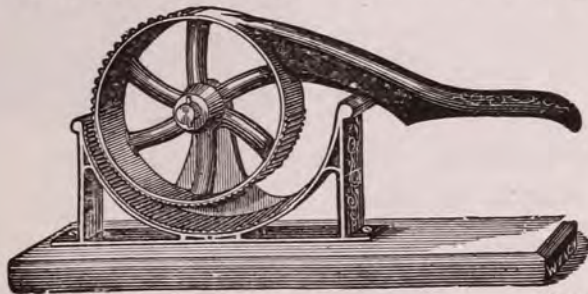
CORK PRESSES.



No. 10. Nickel-Plated Per doz. \$9 00



No. 0. Lever, Japanned Per doz. \$5 75
 1. Lever, Dark Bronzed 6 25



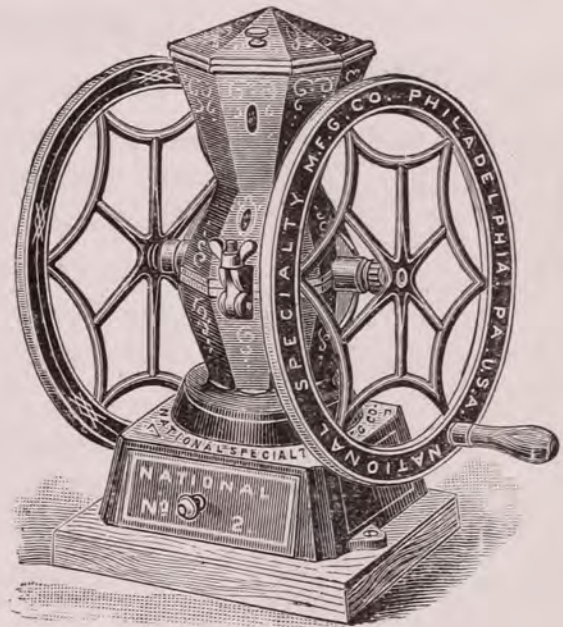
No. 1. Rotary. Taking cork $\frac{3}{4}$ inch in diameter Per doz. \$12 00
 2. Rotary. Taking cork $1\frac{1}{4}$ inches in diameter 18 00



TINCTURE PRESSES.

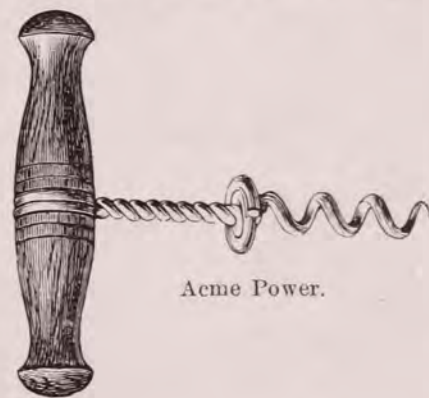
2 quart, \$6 00 each.
 4 quart, \$10 00 each.
 8 quart, \$13 50 each.

DRUG MILLS.



No.	Height.	Each.
1.	13 inches. (Without Fly Wheels)	\$4 50
2.	13 inches	7 00
3.	16 $\frac{1}{2}$ inches	10 00
5.	19 inches	16 00
7.	22 $\frac{1}{2}$ inches	20 00
9.	25 $\frac{3}{4}$ inches	32 00
12.	32 inches	44 00

CORKSCREWS.



No.	Per doz.
10 $\frac{1}{2}$.	Y, Nickel Pocket \$2 00
16.	Self-Pulling, Nickel-Plated 4 80
17.	Acme, Tinned 2 40
17 $\frac{1}{2}$.	Acme, Nickeled 3 00
18.	Acme Power, Tinned 3 60
18 $\frac{1}{2}$.	Acme Power, Nickeled 4 80
21.	Self-Pulling, Nickel-Plated 4 00
22.	Self-Pulling, Nickel-Plated, with wire cutter 6 25
24.	Steel, Nickel-Plated 2 40
26.	Steel, Nickel-Plated 3 50
70.	Pocket, Nickel Plated 3 00
80.	Cartridge 4 00

PRESCRIPTION CASE BOTTLES.

WITH GROUND GLASS LABELS.



The labels on our Prescription Case Bottles are blown in the glass, the face of each letter being ground so as to render it distinct. The lettering is thus indestructible and in no danger of being defaced when the bottle is washed or handled.

The lips of the Tincture Bottles are wide and specially constructed for dropping.

The mouths of the Saltmouths are of extra width and the lips are protected from the dust by a Hood Stopper.

Amber Bottles are furnished for articles affected by the light, and Blue Bottles, for Poisons.



PRICES.

	Per doz.	Per gross.
¼ pint Tinctures	\$3 50	\$37 00
¼ pint Saltmouths	3 86	41 00

Names Not on the List Engraved at a Small Extra Charge. Please Order by Numbers.

¼ PINT SALTMOUTHS. Height, 4¾ inches.

- | | | |
|---------------------------------------|-------------------------------------|---------------------------------|
| 3000. Acaciæ Pulv. | 3034. Hydrarg. Chlor. Mit. (Amber.) | 3067. Acid. Gallic. |
| 3001. Acid. Citric. | 3035. Hydrarg. Oxid. Rub. (Blue.) | 3069. Aromat. Pulv. |
| 3002. Acid. Tannic. | 3036. Iodum. | 3070. Calc. Phosph. Precip. |
| 3003. Acid. Tartaric. | 3037. Ipecaci. Pulv. | 3071. Capsici Pulv. |
| 3004. Aloe. Soc. Pulv. | 3038. Doveri Pulvis. | 3073. Cerii Oxalas. |
| 3005. Alumen. | 3040. Magnesia. | 3074. Ferrum Redact. |
| 3006. Ammon. Bromid. | 3041. Magnesii Sulphas. | 3075. Ferri et Potas. Tart. |
| 3007. Ammon. Carb. | 3042. Cretæ Pulv. Mistur. | 3076. Acid. Benzoic. |
| 3008. Ammon. Mur. | 3043. Opii Pulv. (Blue.) | 3077. Acid. Salicylic. |
| 3009. Ant. et Pot. Tart. (Blue.) | 3044. Pepsinum. | 3079. Cupri Sulphas. (Blue.) |
| 3011. Bismuthi Subcarb. | 3045. Plumbi Acetas. (Blue.) | 3082. Potass. Permang. |
| 3012. Bism. et Am. Citras. (Amber.) | 3046. Potass. Acetas. | 3084. Santonine. (Amber.) |
| 3013. Bismuthi Subnit. | 3047. Potass. Bicarb. | 3087. Sodii Iodid. (Amber.) |
| 3014. Camphora. | 3048. Potass. Bitart. | 3088. Sulphur Sub. |
| 3015. Chloral. (Blue.) | 3049. Potass. Bromid. | 3089. Sulphur Precip. |
| 3017. Cinchonidiæ Sulphas. (Amber.) | 3050. Potass. Carbonas. | 3091. Zinci Oxidi. |
| 3018. Colocynth Co. Ext. | 3051. Potass. Citras. | 3092. Jalap Rad. Pulv. |
| 3019. Cretæ Præpar. | 3052. Potass. Chloras. | 3093. Cubebæ Pulv. |
| 3020. Digitalis Pulv. (Blue.) | 3053. Potass. Iodid. | 3098. Zingiber Pulv. |
| 3021. Ferri Citras. | 3054. Potass. Nitras. | 3099. Oleum Theobromæ. (Amber.) |
| 3022. Ferri et Am. Citras. | 3055. Quiniæ Sulphas. | 3103. Cinchonæ Pulv. |
| 3024. Ferri Pyrophos. (Amber.) | 3056. Rhei Pulv. | 3105. Morphia Sulph. (Blue.) |
| 3025. Ferri et Quin. Citras. (Amber.) | 3057. Rhei Co. Pulv. | 3107. Hydrarg. Amm. (Blue.) |
| 3026. Ferri Subcarb. | 3058. Sapo Alba. | 3108. Podophyllin. |
| 3027. Ferri Sulphas. | 3059. Sodii Bicarb. | 3109. Lactopeptin. |
| 3028. Ferri Sulph. Exsic. | 3060. Sodii Boras. | 3110. Leptandrin. |
| 3029. Gallæ Pulv. | 3061. Sodii Bromid. | 3113. Gamboge. |
| 3030. Glycyrrh. Pulv. | 3063. Tragac. Pulv. | 3116. Zinci Acet. |
| 3031. Glycyrrh. Ext. Pulv. | 3064. Zinci Sulphas. | 3117. Pepsin. Sacch. |
| 3032. Hydrarg. Cum Creta. | 3065. Sacch. Lactis. | 3118. Argenti Nitras. (Amber.) |
| 3033. Hydrarg. Chlor. Corros. (Blue.) | 3066. Saccharum. | |

¼ PINT TINCTURES. Height, 5¼ inches.

- | | | |
|------------------------------------|-------------------------------------|--------------------------------------|
| 3300. Acid. Acetic. | 3312. Spt. Ammon. Arom. | 3322. Antimonii Vinum. |
| 3301. Acid. Phosphor. Dilut. | 3313. Glycerinum | 3323. Colchici Rad. Vinum. (Blue.) |
| 3302. Acid. Sulphur. Arom. | 3314. Tinct. Aconiti Radic. (Blue.) | 3324. Colchici Semin. Vinum. (Blue.) |
| 3303. Acid. Sulphur. Dilut. | 3315. Tinct. Belladonnæ. (Blue.) | 3325. Tinct. Opii Camph. |
| 3304. Alcohol. | 3316. Tinct. Digitalis. (Blue.) | 3326. Acid. Nitric. |
| 3305. Chloroform. | 3317. Tinct. Ferri Chloridi. | 3327. Acid. Nitric. Dil. |
| 3306. Glycerit. Acid. Tannic. | 3318. Tinct. Nucis Vomice. (Blue.) | 3328. Acid. Hydrochloric. |
| 3307. Liq. Potas. Arsenit. (Blue.) | 3319. Tinct. Opii. (Blue.) | 3329. Acid. Hydrochloric. Dil. |
| 3308. Mel. Despum. | 3320. Tinct. Opii Deodor. (Blue.) | 3330. Acid. Nitro-Muriat. |
| 3311. Spt. Ætheris Comp. | 3321. Tinct. Verat. Virid. (Blue.) | 3331. Acid. Nitro-Muriat. Dil. |

W. T. CO. NEW REAGENT BOTTLES.

With Indestructible Vitrified Labels. Transparent Letters and Symbols.

These bottles are of the same shape as our Reagent Bottles, and are made of the same quality of glass, which has been used in many laboratories for years with satisfaction.

The labels present a smooth white background, against which the transparent letters and symbols are distinctly defined.

PRICES.

$\frac{1}{4}$ pint or $\frac{1}{8}$ liter; height, $5\frac{1}{4}$ inches	Per doz. \$7 50	1 pint or $\frac{1}{2}$ liter; height, $7\frac{3}{4}$ inches	Per doz. \$9 50
$\frac{1}{2}$ pint or $\frac{1}{4}$ liter; height, $6\frac{1}{2}$ inches	8 50	1 quart or 1 liter; height, $9\frac{1}{2}$ inches	12 00

PLEASE ORDER BY NUMBERS.



Loose Glass Caps for covering the necks and lips of Reagent Bottles can be furnished at 60 cents net per dozen, extra.

Bottles with names not on list can be furnished at extra price.

	$\frac{1}{4}$ Pint.	$\frac{1}{2}$ Pint.	Pint.	Quart.
Sulphuric Acid, H ₂ SO ₄	600	700	800	900
Nitric Acid, HNO ₃	601	701	801	901
Hydrochloric Acid, HCl	602	702	802	902
Acetic Acid, HC ₂ H ₃ O ₂	603	703	803	903
Ammonium Hydroxide, NH ₄ OH	604	704	804	904
Ammonium Carbonate, (NH ₄) ₂ CO ₃	605	705	805	905
Ammonium Oxalate, (NH ₄) ₂ C ₂ O ₄	606	706	806	906
Sodium Hydroxide, NaOH	607	707	807	907
Sodium Carbonate, Na ₂ CO ₃	608	708	808	908
Sodium Phosphate, Na ₂ HPO ₄	609	709	809	909
Barium Chloride, BaCl ₂	610	710	810	910
Potassium Hydroxide, KOH	611	711	811	911
Hydrogen Sulphide (Amber), H ₂ S		712	812	912
Ammonium Chloride, NH ₄ Cl	613	713	813	913
Potassium Bichromate, K ₂ Cr ₂ O ₇	614	714	814	914
Potassium Chlorate, KClO ₃ (Saltmouth)	615			
Potassium Chromate, K ₂ CrO ₄	616	716	816	916
Cobalt Nitrate, Co(NO ₃) ₂ (Saltmouth)	617			
Mercuric Chloride, HgCl ₂	618	718	818	918
Lead Acetate, Pb(C ₂ H ₃ O ₂) ₂	619	719	819	919
Potassium Nitrate, KNO ₃ (Saltmouth)	620	720	820	920
Silver Nitrate, AgNO ₃	621	721	821	921
Potassium Ferrocyanide, K ₄ Fe(CN) ₆	622	722	822	922
Potassium Ferricyanide, K ₃ Fe(CN) ₆	623			
Ammonium Sulphide, (NH ₄) ₂ S	624	724	824	924
Sodium Hydrobromate, NaBrO ₃		725	825	925
Ammonia, NH ₃		726	826	926
Nitro Hydrochloric Acid	627	727	827	927
Nitro Hydrochloric Acid Dilute		728	828	928
Iodine	629	729	829	929
Phenolphthalein				930
Methyl Orange				931
Magnesia Mixture	632	732	832	932
Potassium Iodide	633	733	833	933
Sodium Borate, Na ₂ B ₄ O ₇ (Saltmouth)	634			
Calcium Hydroxide, Ca(OH) ₂	635	735	835	935
Calcium Chloride, CaCl ₂	636			
Cupric Sulphate, CuSO ₄	637	737	837	937
Potassium Nitrite, KNO ₂	638	738	838	938
Ammonium Molybdate, (NH ₄) ₂ MoO ₄	639	739	839	939
Phenol Sulphonic Acid, C ₆ H ₄ (HSO ₃)OH	640			
Nessler's Reagent	641			
Fehling's Solution	642	742	842	942
Potassium Cyanide, KCN (Saltmouth)		743	843	943
Ether		744	844	944
Ammonium Phosphate, (NH ₄) ₂ HPO ₄		745	845	945
Esbach's Solution		746	846	946
Alcohol, C ₂ H ₅ OH		747	847	947
Sulphuric Acid Dilute, H ₂ SO ₄		748	848	948
Nitric Acid Dilute, HNO ₃		749	849	949
Hydrochloric Acid Dilute, HCl		750	850	950
Hydrogen Peroxide, H ₂ O ₂		751	851	951
Lead Nitrate, Pb(NO ₃) ₂		752	852	952
Barium Nitrate, Ba(NO ₃) ₂		753	853	953
Stannous Chloride, SnCl ₂		754	854	954
Chlorine Water, Cl		755	855	955
Cochineal Solution		756	856	956
Indigo Solution		757	857	957
Litmus Solution		758	858	958
Bromine Water, Br		759	859	959
Litmus Paper, (SM)	660			
Phosphoric Acid Dil.		761	861	961
Magnesium Sulphate, Mg SO ₄	662	762	862	962
Ferrous Sulphate, Fe SO ₄ (Saltmouth)	663			
Turneric	664			
Ferrous Sulphide, Fe S (Saltmouth)	665			
Zinc, Zn (Saltmouth)	666			
Copper, Cu (Saltmouth)	667			
Starch (Saltmouth)	668			
Ferric Chloride, Fe ₂ Cl ₆	669	769	869	969
Potassium Sulphocyanate, KSCN		770	870	970
Barium Hydroxide, Ba (OH) ₂		771	871	971
Glycerin		772	872	972
Oxalic Acid, H ₂ C ₂ O ₄	673			
Carbolic Acid, C ₆ H ₅ OH	674			

W. T. CO. REAGENT BOTTLES.

WITH GROUND GLASS LABELS.

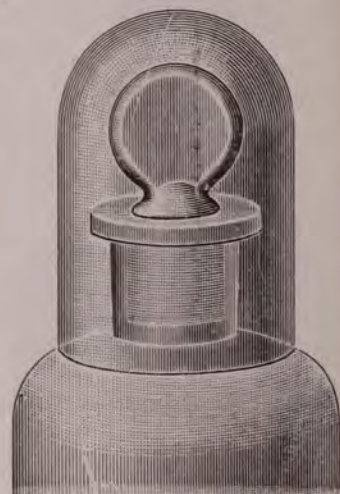


The labels on these Bottles are of raised letters blown in the glass, the surface of each letter being ground so as to render it distinct. The lettering is thus indestructible, and in no danger of being defaced when the bottle is washed or handled, and the inconvenience and unsightly appearance attending the use of paper labels is entirely avoided.

The Bottles are made of glass containing no lead, zinc or other metallic flux, and in the points of convenient shape, thin dropping lip and perfect stoppering are unequaled. They are exclusively used in many of the leading laboratories of the country.

The names and symbols have been carefully revised in accordance with modern practice, and are exactly as given in the list.

Included in our list of 4 oz. and 1 oz. Reagent Bottles will be found the names of all the Test Solutions referred to in the United States Pharmacopœia.



PRICES.

	Per dozen.	Per gross.
1 ounce Reagents	\$2 50	\$24 00
1 ounce Reagents, Wide Mouth	2 70	26 00
$\frac{1}{4}$ pint Reagents	3 50	37 00
$\frac{1}{4}$ pint Reagents, Wide Mouth	3 86	41 00
$\frac{1}{2}$ pint Reagents	4 50	46 00
1 pint Reagents	6 50	66 00
1 quart Reagents	8 00	

Loose Glass Caps for covering the necks and lips of Reagent Bottles (see cut) can be furnished at 60 cents net per dozen, extra, to fit the $\frac{1}{4}$ pints, $\frac{1}{2}$ pints, pints, or quarts.

PLEASE ORDER BY NUMBERS.

Any names not on the list can be engraved on the Bottles at small extra charge.

ONE-FOURTH PINT REAGENT BOTTLES, 1-8 Liter. Height, 5 $\frac{1}{4}$ Inches.

No. 1. Hydrogen Sulphide (Amber)	H ₂ S	No. 20. Barium Chloride	BaCl ₂
2. Hydrochloric Acid	HCl	21. Calcium Chloride	CaCl ₂
3. Acetic Acid	HC ₂ H ₃ O ₂	22. Calcium Sulphate	CaSO ₄
4. Sulphuric Acid	H ₂ SO ₄	23. Calcium Hydroxide	Ca(OH) ₂
5. Nitric Acid	HNO ₃	24. Magnesium Sulphate	MgSO ₄
6. Potassium Ferrocyanide	K ₄ Fe(CN) ₆	25. Mercuric Chloride	HgCl ₂
7. Potassium Sulphocyanide	KCNS	26. Silver Nitrate (Amber)	AgNO ₃
8. Potassium Carbonate	K ₂ CO ₃	27. Lead Acetate	Pb(C ₂ H ₃ O ₂) ₂
9. Potassium Sulphate	K ₂ SO ₄	28. Ferrous Sulphate	FeSO ₄
10. Potassium Iodide	KI	29. Ferric Chloride	Fe ₂ Cl ₆
11. Potassium Ferricyanide	K ₃ Fe(CN) ₆	30. Alcohol	C ₂ H ₅ OH
12. Potassium Hydroxide	KOH	31. Ammonium Sulphocyanide	NH ₄ CNS
13. Potassium Dichromate	K ₂ Cr ₂ O ₇	32. Barium Hydroxide	Ba(OH) ₂
14. Sodium Phosphate	Na ₂ HPO ₄	33. Barium Carbonate	BaCO ₃
15. Ammonium Hydroxide	NH ₄ OH	35. Ether	(C ₂ H ₅) ₂ O
16. Ammonium Sulphide (Amber)	(NH ₄) ₂ S	36. Cupric Sulphate	CuSO ₄
17. Ammonium Chloride	NH ₄ Cl	38, 39, 40, Blank.	
18. Ammonium Carbonate	(NH ₄) ₂ CO ₃	59. Sodium Carbonate	Na ₂ CO ₃
19. Ammonium Oxalate	(NH ₄) ₂ C ₂ O ₄	61. Sodium Hydroxide	NaOH

The above 40 Bottles (3 blanks) are sold in a set. Price, \$11.50 per set, boxed.

For Reagent Bottles with Vitrified Labels, see page 47.

ONE-FOURTH PINT REAGENT BOTTLES.—Continued.

No.		
37.	Platinic Chloride	PtCl ₄
58.	Fehling's Solution.	
59.	Sodium Carbonate	Na ₂ CO ₃
60.	Sodium Acetate	NaC ₂ H ₃ O ₂
61.	Sodium Hydroxide	NaOH
77.	Ammonia	NH ₃
81.	Stannous Chloride	SnCl ₂
82.	Ammonium Molybdate	(NH ₄) ₂ MoO ₄
83.	Carbon Disulphide	CS ₂
86.	Mercurous Nitrate	Hg ₂ (NO ₃) ₂
87.	Indigo Solution.	
88.	Nessler's Solution.	
90.	Magnesia Mixture.	
93.	Oxalic Acid	H ₂ C ₂ O ₄
94.	Pieric Acid	C ₆ H ₂ OH(NO ₂) ₃
96.	Potassium Chromate	K ₂ CrO ₄

No.		
97.	Ammonium Sulphydrate	NH ₄ HS
100.	Mercuric Potassium Iodide.	
401.	Barium Nitrate	Ba(NO ₃) ₂
404.	Silver Sulphate	Ag ₂ SO ₄
406.	Bromine Water.	
407.	Chloroform	CHCl ₃
408.	Cochineal.	
409.	Coralline.	
410.	Litmus.	
411.	Methyl-Orange.	
412.	Phenolphthalein.	
413.	Turmeric.	
414.	Iodine Solution	I+KI
415.	Methyl Alcohol	CH ₃ OH
416.	Sodium Cobaltic Nitrite.	
417.	Sodium Hyposulphite	Na ₂ S ₂ O ₃

HALF PINT REAGENT BOTTLES, 1-4 Liter. Height, 6½ Inches.

No.		
101.	Sulphuric Acid, Con.	H ₂ SO ₄
102.	Sulphuric Acid, Dil.	H ₂ SO ₄
103.	Nitric Acid, Con.	HNO ₃
104.	Nitric Acid, Dil.	HNO ₃
105.	Hydrochloric Acid, Con.	HCl
106.	Hydrochloric Acid, Dil.	HCl
107.	Hydrogen Sulphide (Amber)	H ₂ S
108.	Ammonium Hydroxide	NH ₄ OH
109.	Ammonium Chloride	NH ₄ Cl
110.	Ammonium Carbonate	(NH ₄) ₂ CO ₃
111.	Sodium Hydroxide	NaOH
112.	Sodium Carbonate	Na ₂ CO ₃

No.		
114.	Barium Chloride	BaCl ₂
116.	Blank.	
122.	Ammonium Sulphide (Amber)	(NH ₄) ₂ S
126.	Alcohol	C ₂ H ₅ OH
129.	Sodium Phosphate	Na ₂ HPO ₄
130.	Ammonium Oxalate	(NH ₄) ₂ C ₂ O ₄
131.	Acetic Acid	HC ₂ H ₃ O ₂
145.	Silver Nitrate (Amber)	AgNO ₃
150.	Potassium Hydroxide	KOH
151.	Calcium Hydroxide	Ca(OH) ₂
152.	Lead Acetate	Pb(C ₂ H ₃ O ₂) ₂

PINT REAGENT BOTTLES, 1-2 Liter. Height, 7¾ Inches.

No.		
204.	Ammonium Hydroxide	NH ₄ OH
211.	Blank.	
215.	Sulphuric Acid	H ₂ SO ₄

No.		
216.	Nitric Acid	HNO ₃
217.	Hydrochloric Acid	HCl

QUART REAGENT BOTTLES, 1 Liter. Height, 9½ Inches.

No.		
501.	Sulphuric Acid, Con.	H ₂ SO ₄
502.	Sulphuric Acid, Dil.	H ₂ SO ₄
503.	Nitric Acid, Con.	HNO ₃
504.	Nitric Acid, Dil.	HNO ₃

No.		
505.	Hydrochloric Acid, Con.	HCl
506.	Hydrochloric Acid, Dil.	HCl
511.	Blank.	

1 OZ. REAGENT BOTTLES. Height, 3⅝ Inches.

No.		
325.	Silver Nitrate (Amber)	AgNO ₃
326.	Cobaltous Nitrate	Co(NO ₃) ₂
327.	Platinic Chloride	PtCl ₄

No.		
336.	Gold Chloride	AuCl ₃
341.	Blank.	

1 OZ. WIDE MOUTH REAGENT BOTTLES. Height, 3⅛ Inches.

No.		
350.	Sodium Carbonate	Na ₂ CO ₃
351.	Borax	Na ₂ B ₄ O ₇
353.	Sodium Acetate	NaC ₂ H ₃ O ₂
354.	Potassium Nitrate	KNO ₃
358.	Potassium Cyanide	KCN
361.	Am. Sod. Phosphate	NaNH ₄ HPO ₄
364.	Copper	Cu
365.	Ferrous Sulphate	FeSO ₄
366.	Ferrous Sulphide	FeS

No.		
367.	Potassium Chlorate	KClO ₃
368.	Potassium Ferricyanide	K ₃ Fe(CN) ₆
369.	Sodium Bitartrate	NaHC ₄ H ₄ O ₆
370.	Sodium Nitrate	NaNO ₃
371.	Starch.	
372.	Test Paper.	
373.	Zinc.	
374.	Ammonium Phosphate	(NH ₄) ₂ HPO ₄
375.	Blank.	

4 OZ. WIDE MOUTH REAGENT BOTTLES. Height, 4⅞ Inches.

No.		
301.	Sodium Carbonate	Na ₂ CO ₃
302.	Potassium Nitrate	KNO ₃
303.	Potassium Cyanide	KCN
304.	Borax	Na ₂ B ₄ O ₇

No.		
305.	Ferrous Sulphate	FeSO ₄
307.	Blank.	
312.	Test Paper.	
313.	Sodium Ammonium Hydrogen Phosphate.	Na(NH ₄)HPO ₄ +4H ₂ O

For Reagent Bottles with Vitrified Labels, see page 47.

HISTOLOGICAL REAGENT BOTTLES

ROUND RECESSED WARE WITH GLASS LABELS ATTACHED.



Particularly adapted for use in Microscopical Laboratories.

The Glass Label is plainly lettered in black on a white background. It is cemented in a recess, its surface being flush with the outside of the bottle.

The labels are lettered with names as ordered, in one line, the necessary abbreviations being made. If lettering is required in two lines, an extra charge of 2 to 3 cents, net, each, will be made.

PRICES OF BOTTLES COMPLETE WITH LABELS.

	Per doz.
2 ounce	\$3 75
$\frac{1}{4}$ pint	4 05
$\frac{1}{2}$ pint	4 45
1 pint	5 30
20 ounce	5 75
1 quart	6 35
$\frac{1}{2}$ gallon	8 85

SHELF BOTTLES—Glass Stoppered.

ADAPTED FOR ATTACHING GLASS LABELS.

Prices do not include labels, for which see page 52.

ROUND RECESSED WARE.

Having Oblong Recess with square corners to take the label, so that its surface is flush with the outside of the bottle.



RECESSED TINCTURE BOTTLES.

	Height.	Per doz.
	Stopped.	
2 ounce	4 $\frac{3}{4}$ inches	\$1 10
$\frac{1}{4}$ pint	5 $\frac{1}{8}$ inches	1 40
$\frac{1}{2}$ pint	7 $\frac{1}{4}$ inches	1 80
1 pint	8 $\frac{1}{2}$ inches	2 65
20 ounce	9 inches	3 10
1 quart	10 $\frac{1}{2}$ inches	3 70
$\frac{1}{2}$ gallon	12 $\frac{1}{2}$ inches	6 20

RECESSED SALTMOUTH BOTTLES.

	Height.	Per doz.
	Stopped.	
2 ounce	4 $\frac{1}{2}$ inches	\$1 15
$\frac{1}{4}$ pint	5 $\frac{1}{4}$ inches	1 45
$\frac{1}{2}$ pint	7 inches	1 85
1 pint	8 inches	2 70
20 ounce	8 $\frac{1}{2}$ inches	3 20
1 quart	9 $\frac{3}{4}$ inches	3 80
$\frac{1}{2}$ gallon	12 $\frac{1}{2}$ inches	6 50



BLUE RECESSED WARE.

ROUND.

TINCTURE BOTTLES.

	Per doz.
$\frac{1}{4}$ pint	\$1 70
$\frac{1}{2}$ pint	2 20
1 pint	3 20
1 quart	4 50

SALTMOUTH BOTTLES.

	Per doz.
$\frac{1}{4}$ pint	\$1 75
$\frac{1}{2}$ pint	2 25
1 pint	3 25
1 quart	4 60



SHELF BOTTLES, GLASS STOPPERED. XX WARE.

SUPERIOR SURFACE AND FREE FROM MOULD MARK.

IF VERY HEAVY AND PUNTED, 30 PER CENT. EXTRA.



All Sizes of our XX Shop Furniture Ware except two and three gallon, are made with smooth bottoms, without the expense of Punting.

XX TINCTURE BOTTLES.

	Height. Stoppered.	Per dozen. For Corks. Stoppered.	
1 ounce	3 $\frac{3}{4}$ inches	\$1 10	\$1 75
2 ounce	4 $\frac{1}{2}$ inches	1 20	1 85
$\frac{1}{4}$ pint	5 $\frac{1}{8}$ inches	1 35	2 25
6 ounce	6 $\frac{3}{8}$ inches	1 50	2 50
$\frac{1}{2}$ pint	7 $\frac{1}{4}$ inches	1 75	2 75
1 pint	8 $\frac{1}{2}$ inches	2 00	3 50
20 ounce	9 inches	2 25	3 80
1 $\frac{1}{2}$ pint	9 $\frac{1}{4}$ inches	2 50	4 00
1 quart	10 $\frac{1}{4}$ inches	3 00	4 50
3 pint	11 $\frac{1}{8}$ inches	4 00	5 75
$\frac{1}{2}$ gallon	12 $\frac{3}{4}$ inches	5 00	7 00
1 gallon	15 inches	7 75	11 00
2 gallon	18 $\frac{1}{2}$ inches	15 00	20 00
3 gallon	23 inches	27 00	36 00

XX SALTMOUTH BOTTLES.

	Height. Stoppered.	Per dozen. For Corks. Stoppered.	
1 ounce	3 $\frac{1}{2}$ inches	\$1 15	\$1 90
2 ounce	4 $\frac{1}{4}$ inches	1 25	2 00
$\frac{1}{4}$ pint	5 $\frac{1}{8}$ inches	1 45	2 40
$\frac{1}{2}$ pint	6 $\frac{3}{8}$ inches	1 85	3 00
1 pint	8 $\frac{1}{8}$ inches	2 10	3 80
20 ounce	8 $\frac{3}{8}$ inches	2 40	4 20
1 $\frac{1}{2}$ pint	9 $\frac{1}{4}$ inches	2 65	4 40
1 quart	9 $\frac{3}{4}$ inches	3 15	5 00
3 pint	10 $\frac{3}{4}$ inches	4 20	6 25
$\frac{1}{2}$ gallon	12 inches	5 25	7 50
3 quart	13 inches	6 75	10 00
1 gallon	14 inches	8 25	12 00
2 gallon	18 $\frac{1}{2}$ inches	15 75	22 00

BLUE AND AMBER XX WARE.

TINCTURES.

	Height.	Per doz. Stoppered.
1 ounce	3 $\frac{3}{4}$ inches	\$2 00
2 ounce	4 $\frac{1}{2}$ inches	2 25
$\frac{1}{4}$ pint	5 $\frac{1}{8}$ inches	2 75
$\frac{1}{2}$ pint	7 $\frac{1}{4}$ inches	3 25
1 pint	8 $\frac{1}{2}$ inches	4 25
1 quart	10 $\frac{1}{4}$ inches	5 50
$\frac{1}{2}$ gallon	12 $\frac{3}{4}$ inches	8 50
1 gallon	15 inches	13 75
2 gallon	18 $\frac{1}{2}$ inches	25 00

SALTMOUTHS.

	Height.	Per doz. Stoppered.
1 ounce	3 $\frac{1}{2}$ inches	\$2 25
2 ounce	4 $\frac{1}{4}$ inches	2 50
$\frac{1}{4}$ pint	5 $\frac{1}{8}$ inches	3 00
$\frac{1}{2}$ pint	6 $\frac{3}{8}$ inches	3 75
1 pint	8 $\frac{1}{8}$ inches	4 50
1 quart	9 $\frac{3}{4}$ inches	6 00
$\frac{1}{2}$ gallon	12 inches	9 50
1 gallon	14 inches	15 00
2 gallon	18 $\frac{1}{2}$ inches	28 00

ETHER BOTTLES.

With glass caps ground on over tightly fitting glass stoppers.
Suitable for preserving very volatile liquids.



XX ETHER BOTTLES.

	Per doz.
$\frac{1}{4}$ pint	\$4 00
$\frac{1}{2}$ pint	6 50
1 pint	7 00
1 quart	8 25
$\frac{1}{2}$ gallon	12 00

RECESSED ETHER BOTTLES.

ROUND.		Per doz.
1 pint		\$6 25
1 quart		7 20
ROUNDED SQUARE.		Per doz.
1 pint		\$6 50
1 quart		7 50

GLASS LABELS. FOR SHELF BOTTLES.

LABELS ARE NOT CARRIED IN STOCK, BUT ARE ALWAYS PAINTED TO ORDER.

Descriptions and prices of only a few of the leading styles are given below. Any style not listed can be made on receipt of pattern or sample. When labels are wanted to match others already on hand, the fact should be stated and sample sent with the order.

When **labels only** are wanted, give the circumference of the bottles that they are to fit, measured at the point where they are to be attached.

The prices given below are for loose labels, to fit bottles of any size from ½ gallon down, lettered in the usual way. 1 gallon labels, 5 cents each extra, net; 2 gallon labels, 10 cents each extra, net. Lettering in two lines instead of one, 2 to 3 cents extra, net. Any special style of label or lettering, special price.

One cent each, net, is charged for attaching labels.

PLEASE ORDER BY NUMBER.

All styles of labels are made with square corners when ordered for Recessed Ware.

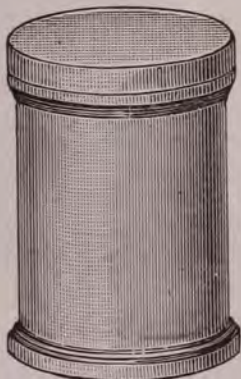
No.		Each.
1.	Oblong, Chamfered Corners, Gold Ground, Black Letters	\$0 22
2.	Oblong, Chamfered Corners, White Ground, Black Letters, Gold Border	22
10.	Like No. 2, but with Gold Shading to Letters	26
100.	Oblong, Square Corners, White Ground, Black Letters, Gold Border	20
101.	Like No. 100, but with Red Line in Border	20
107.	Oblong, Square Corners, White Ground, Black Letters, surrounded by Fine Gold Line	20
117.	Oblong, Rounded Corners, White Ground, Black Letters and Gold Line; Narrow Black Border	26

DIRECTIONS FOR ATTACHING GLASS LABELS TO BOTTLES, JARS, ETC.

CEMENT.—To one part of best yellow wax add three of rosin; melt together in an open pan or kettle, with a gentle heat, to the consistency of syrup.

DIRECTIONS.—Place the bottle on a table in a nearly horizontal position; the glass must be perfectly free from moisture. Pour the cement on the hollow side of the label with a spoon; then apply the label to the bottle with a GENTLE pressure. While the cement is soft, form a groove in it by running the point of a knife around the label. This will save labor in chipping it off. It will harden in about ten minutes, when, with a putty knife such as glaziers use, remove the surplus. Clean bottle and label with a little kerosene oil; wipe off with a damp towel.

For Drawer Pulls and Labels, see page 44.



GLASS OINTMENT JARS.

We make these Jars in Amber and White Opaque Glass, with Steeple Top or Flat Top. They are much preferable to Earthenware, as the latter are liable to be penetrated by grease, when they become discolored and rancid.



When Ordering, state Color and Style of Top.

FLAT TOP.				STEEPLE TOP.			
	Height.	Per doz.			Height.	Per doz.	
		Amber.	Opaque.			Amber.	Opaque.
¼ pound . . .	3½ inches . . .	\$2 25	\$2 50	¼ pound . . .	4¾ inches . . .	\$2 50	\$2 75
½ pound . . .	4¼ inches . . .	3 25	4 00	½ pound . . .	5¾ inches . . .	3 50	4 00
1 pound . . .	5 inches . . .	5 50	6 00	1 pound . . .	6¾ inches . . .	5 50	6 00
2 pound . . .	6½ inches . . .	7 50	8 25	2 pound . . .	8¾ inches . . .	7 75	8 50

Extra Lids One-third Price of Complete Jar.

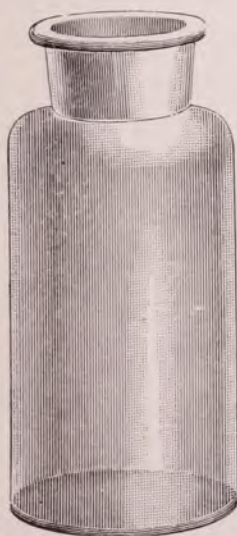
FLINT GLASS BOTTLES.

BOSTON PRESCRIPTIONS.



	Per gross.
B. $\frac{1}{4}$ ounce	\$6 00
B. $\frac{1}{2}$ ounce	6 00
B. 1 ounce	6 25
B. 2 ounce	7 00
B. 3 ounce	8 75
B. 4 ounce	10 00
B. 6 ounce	11 25
B. 8 ounce	13 25
B. 12 ounce	16 75
B. 16 ounce	18 75
B. 32 ounce	28 00
$\frac{1}{2}$ gallon	51 25

ROUND PRESCRIPTIONS—Wide Mouth.



	Per gross.
$\frac{1}{4}$ ounce	\$6 25
$\frac{1}{2}$ ounce	6 25
1 ounce	6 50
S. 1 ounce	6 50
H. 1 ounce	6 50
Tall $1\frac{1}{4}$ ounce	7 00
Tall $1\frac{1}{2}$ ounce	7 00
Tall $1\frac{3}{4}$ ounce	7 25
2 ounce	7 25
3 ounce N. M.	9 00
C. 3 ounce	9 25
3 ounce extra width of mouth (Quinine)	8 25
C. 4 ounce	11 00
4 ounce extra width of mouth, reagent style	11 00
4 ounce Quinidia	10 50
4 ounce Cinchonidia	10 50
6 ounce extra width of mouth (5 ounce Quinine)	11 00
C. 6 ounce	13 00
C. 8 ounce	14 75
C. 12 ounce	19 25
C. 16 ounce	21 75
C. 32 ounce	32 25
$\frac{1}{2}$ gallon	52 25

FRENCH SQUARES.

TALL STYLE.

Narrow Mouth.



Tall French Square.

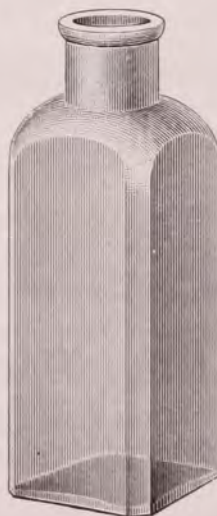
	Per gross.
1 drachm	\$6 00
$\frac{1}{4}$ ounce	6 00
3 drachm	6 00
$\frac{1}{2}$ ounce	6 00
1 ounce	6 25
2 ounce	7 00
3 ounce	8 75
4 ounce	10 25
6 ounce	12 25
8 ounce	14 00
12 ounce	18 00
16 ounce	20 25
32 ounce	33 50

For Stopped French Squares,
see page 54.



Stop'd French Sq.

FRENCH SQUARES—Wide Mouth.



	Per gross.
$\frac{1}{2}$ ounce	\$6 25
1 ounce	6 50
$1\frac{1}{2}$ ounce	7 25
2 ounce	7 25
3 ounce	9 00
4 ounce	10 75
6 ounce	12 75
8 ounce	14 50
12 ounce	19 00
16 ounce	21 25
32 ounce	34 50

STOPPERED BOTTLES.



TINCTURES.

IRON MOULD.

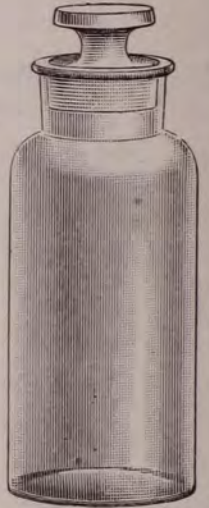
	Per gross.
½ ounce	\$18 00
1 ounce	19 50
2 ounce	21 50
3 ounce	23 00
4 ounce	26 00
6 ounce	30 00
8 ounce	32 00
12 ounce	39 50
1 pint	44 00
1 quart	61 50
½ gallon	96 00

For larger sizes, see Shop Furniture List, page 51.

SALTMOUTHS.

IRON MOULD.

	Per gross.
½ ounce	\$19 00
1 ounce	20 50
2 ounce	22 50
3 ounce	24 00
4 ounce	27 00
6 ounce	31 00
8 ounce	33 00
12 ounce	40 50
1 pint	45 00
1 quart	65 00
½ gallon	102 00



For Chemical Tinctures and Saltmouths, see page 16.

FRENCH SQUARES. STOPPERED.

TALL STYLE. NARROW MOUTH. FLINT GLASS.

	Per gross.		Per gross.		Per gross.
1 drachm	\$16 50	2 ounce	\$22 25	8 ounce	\$34 75
¼ ounce	16 50	3 ounce	24 00	12 ounce	41 75
3 drachm	17 00	4 ounce	26 50	16 ounce	48 00
½ ounce	17 50	6 ounce	32 00	32 ounce	67 25
1 ounce	20 00				

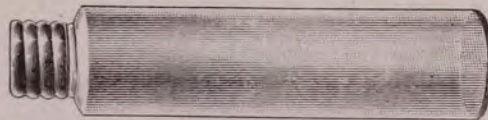


SAMPLE OIL BOTTLES.

FLINT GLASS.

	Per gross.		Per gross.
1 ounce	\$6 50	4 ounce long	\$11 00
2 ounce extra long	12 50	4 ounce long, cut bottom	18 00
2 ounce long	8 50	8 ounce long	16 00

LONG OIL SAMPLE BOTTLE.



Flint Glass. With Metal Screw Cap, Cork Lined.

4 ounce. Length, 6 ³ / ₈ inches ; Diameter, 1 ⁷ / ₈ inches	Per gross. \$18 00
2 dozen in paper box ; 1 gross in original package.	

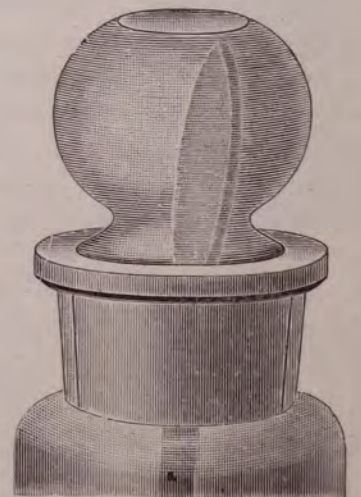
For Tube Sample Oils, see pages 60 and 61.

SODA BOTTLES. Flint Glass.

SALTMOUTHS WITH HOLLOW STOPPERS AND HORN SPOONS.

Adapted for Dispensing Reagents in Solid Form.

2 ounce	Per doz. \$4 30	4 ounce	Per doz. \$5 40
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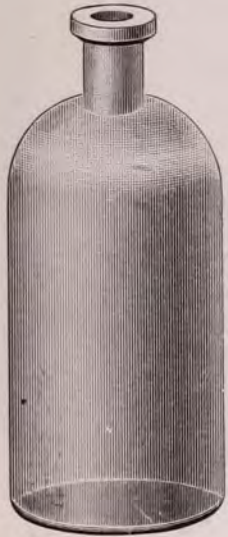


GREEN GLASS BOTTLES.

SELTZERS or PACKING BOTTLES.

COMMON WEIGHT.

NARROW MOUTH.



	Per gross.
1 pint	\$18 75
1½ pint	25 00
1 quart	28 00
3 pint	36 25
½ gallon	48 00
3 quart	72 50
1 gallon	82 75
5 gallon, Water Bottle	315 00

WIDE MOUTH.

	Per gross.
1 pint	\$19 75
1½ pint	26 00
1 quart	29 00
3 pint	37 25
½ gallon	49 00
1 gallon	83 75

EXTRA SELTZERS.

NARROW MOUTH.

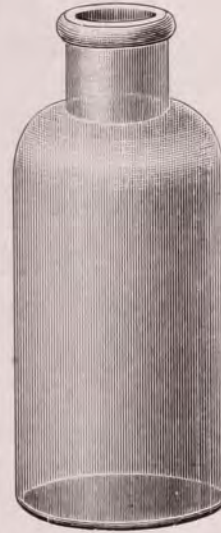
Extra Size and Weight.

	Per gross.
1 pint	\$23 00
20 ounce	23 00
1½ pint	25 75
1 quart (40 ounce)	33 50
3 pint	45 50
½ gallon (5 pint)	65 25
1 gallon	94 00
2 gallon	200 00
5 gallon	340 00

EXTRA SELTZERS.

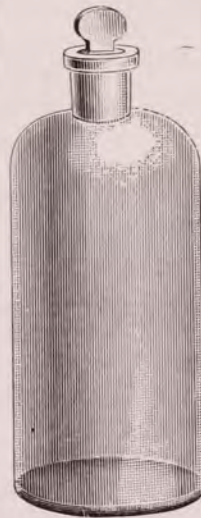
WIDE MOUTH.

Extra Size and Weight.



	Per gross.
1 pint	\$24 00
20 ounce	24 00
1½ pint	26 75
1 quart	34 50
½ gallon	67 50
1 gallon	95 00
2 gallon	205 00
5 gallon	350 00

ACIDS—Stoppered.



	Per gross.
10 ounce, Light Green	\$42 00
12 ounce, Light Green	46 00
1 pint, Light Green	50 00
1 quart, Light Green	68 00
½ gallon, Light Green	112 00
1 gallon, Light Green	152 00
2 gallon, Light Green	320 00
½ pint, Dark Green	44 00
1 pint, Dark Green	55 00
1 quart, Dark Green	75 00
½ gallon, Dark Green	123 00

BLACK GLASSWARE.

ROUND PRESCRIPTIONS. Opaque Black, Entirely Excluding the Light.

	Per gross.		Per gross.
1 ounce Narrow Mouth (Boston Style)	\$6 25	½ ounce Wide Mouth	\$6 25
2 ounce Narrow Mouth (Boston Style)	7 00	1 ounce Wide Mouth	6 50
4 ounce Narrow Mouth (Boston Style)	10 00	2 ounce Wide Mouth	7 25
		4 ounce Wide Mouth	10 50

AMBER AND BLUE GLASSWARE.

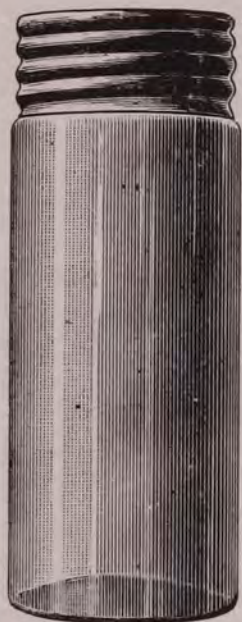
The following Styles are Carried in Stock and can be furnished in Quantities as Wanted.

FRENCH SQUARES, NARROW MOUTH, AMBER	⅛, ¼, ⅜, ½, 1, 2, 3, 4, 6, 8, 12 and 16 oz.
FRENCH SQUARES, WIDE MOUTH, AMBER	½, 1, 2, 3, 4, 6 and 8 ounce.
ROUND (BOSTON) PRESCRIPTIONS, NARROW MOUTH, AMBER,	1, 2, 4 and 8 ounce.
FRENCH SQUARES, NARROW MOUTH, BLUE	½, 1, 2, 3, 4, 6, 8 and 16 ounce.
FRENCH SQUARES, WIDE MOUTH, BLUE	½, 1, 2 and 4 ounce.
ROUND PRESCRIPTIONS, NARROW MOUTH, BLUE	½, 1, 2, 3, 4, 6, 8 and 16 ounce.

SCREW-CAPPED JARS.

With Metal Screw Caps, Cork-Lined.

One gross in original package.



ROUND.

	Per gross.
1 ounce, height, 3 in. . . diameter, 1 $\frac{1}{8}$ in. . .	\$9 60
2 ounce, height, 3 $\frac{3}{4}$ in. . . diameter, 1 $\frac{7}{16}$ in. . .	10 80
4 ounce, height, 4 $\frac{3}{4}$ in. . . diameter, 1 $\frac{13}{16}$ in. . .	15 00
8 ounce, height, 4 $\frac{7}{8}$ in. . . diameter, 2 $\frac{7}{8}$ in. . .	22 00
16 ounce, height, 5 $\frac{3}{4}$ in. . . diameter, 3 $\frac{1}{8}$ in. . .	36 00

SQUARE.

	Per gross.
1 ounce, 1 $\frac{5}{16}$ by 1 $\frac{5}{16}$ by 2 $\frac{5}{16}$ inches	\$9 60
2 ounce, 1 $\frac{7}{16}$ by 1 $\frac{7}{16}$ by 3 $\frac{3}{8}$ inches	10 80
4 ounce, 1 $\frac{11}{16}$ by 1 $\frac{11}{16}$ by 4 $\frac{3}{8}$ inches	15 00
8 ounce, 2 $\frac{1}{16}$ by 2 $\frac{1}{16}$ by 5 $\frac{1}{2}$ inches	22 00

Square Screw-Capped Jars can be furnished with customer's name, etc., blown in one side, in lots of 6 gross 1 ounce, 5 gross 2 ounce, 3 gross 4 ounce, or 2 gross 8 ounce.

GLASS BOXES—Glass Lids.

In Flint and Opal Glass.

1 gross in original package.



No.		Per gross.		No.		Per gross.	
		Flint.	Opal.			Flint.	Opal.
620.	$\frac{1}{2}$ ounce	\$7 25	\$8 00	623.	4 ounce	\$19 00	\$22 00
621.	1 ounce	9 00	10 00	624.	8 ounce	32 00	38 00
622.	2 ounce	14 00	16 50	625.	16 ounce	48 00	57 00

PHENIX OINTMENT POTS.

PATENTED JAN. 1, 1889.

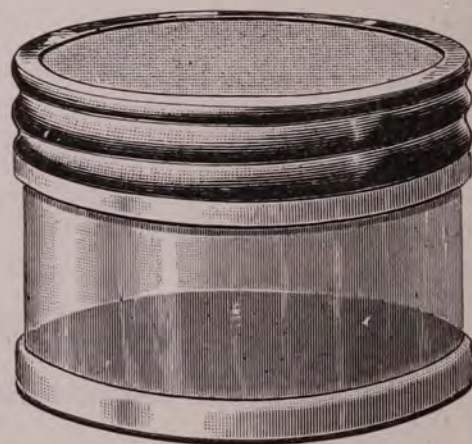
No Shoulder. Inside Corners of Bottom Rounded.

AMBER AND OPAL GLASS.

Furnished with cap having metal screw rim, and top of prepared wood pulp, to which a pasted label will adhere. This top is impervious to grease, and makes a tight joint with rim of jar.

1 gross in original package.

No.		Per gross.		No.		Per gross.	
		Amber.	Opal.			Amber.	Opal.
680.	$\frac{1}{4}$ ounce	\$6 00	\$6 60	683.	2 ounce	\$11 00	\$13 25
681.	$\frac{1}{2}$ ounce	7 00	8 25	684.	3 ounce	13 00	16 50
682.	1 ounce	9 00	11 00	685.	4 ounce	16 00	21 00



MILLVILLE OINTMENT POTS.

Glass, with Metal Screw Caps. Bottoms Rounded Inside. No Shoulder.

FURNISHED IN FLINT, BLUE, AMBER AND OPAL GLASS.

A lining of paraffine paper is put in the top of each cap, effectually protecting the metal from corrosion.

1 gross in original package.

No.		Per gross.		No.		Per gross.	
		Amber.	Flint, Blue or Opal.			Amber.	Flint, Blue or Opal.
670.	$\frac{1}{4}$ ounce	\$5 25	\$6 00	674.	3 ounce	\$12 00	\$15 00
671.	$\frac{1}{2}$ ounce	6 00	7 25	675.	4 ounce	15 00	19 00
672.	1 ounce	8 00	10 00	677.	8 ounce	24 00	29 00
673.	2 ounce	10 00	12 50	679.	16 ounce	35 00	45 00



TABLET JARS.

Ground Stoppers.



**TAPER, BEVELED
CORNERS.**

	Per doz.
2 pound	\$4 75
4 pound	6 00



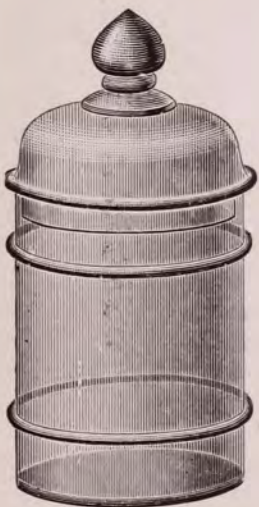
**SQUARE, ROUNDED
CORNERS.**

	Per doz.
2 pound	\$4 75
4 pound	6 00



ROUND.

	Per doz.
2 pound	\$4 50
4 pound	5 40



RING JARS.

	Per doz.
½ pint	\$7 75
1 pint	8 75
1 quart	9 25
½ gallon	12 25
1 gallon	18 00
1½ gallon	25 00
2 gallon	31 00

SPECIE JARS—Short and Tall.

Lacquered Tin Lids Extra.

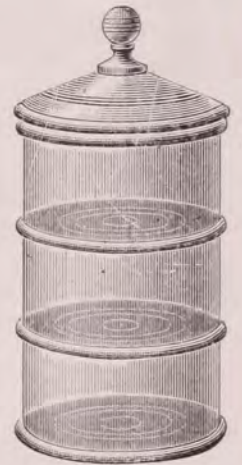
	Per doz.	
	Jars.	Lids.
1 pint	\$1 70	\$0 30
1 quart	2 50	35
½ gallon	3 60	45
¾ gallon	4 75	45
1 gallon	6 00	50
1½ gallon (tall only)	7 75	60
2 gallon	10 00	60
3 gallon	13 50	1 75

ACME

SECTION JARS.

Each consisting of Three Sections and Lid.

	Per doz.
Size A. 6½ x 14½ ins.	\$24 00
Size B. 5½ x 14½ ins.	19 20
Size C. 4½ x 14½ ins.	14 40



BARCLAY CANDY JARS.

Plain Round Jars.

Pressed Glass Lids.

	Per doz.
1 quart	\$4 80
½ gallon	7 20
1 gallon	10 00



INVERTED SHOW BOTTLES.



STRAIGHT.

		Each.
1/8 pint,	3 3/4 x 1 1/2 inches	\$0 10
1/4 pint,	4 3/8 x 2 inches	13
1/2 pint,	6 x 2 1/2 inches	15
1 pint,	7 3/4 x 2 3/4 inches	20
1 quart,	9 x 3 5/8 inches	30
1/2 gallon,	11 x 4 1/4 inches	50
1 gallon,	14 x 5 3/4 inches	1 00
2 gallon,	16 x 6 3/4 inches	1 50
3 gallon,	19 x 8 inches	3 00

PEAR SHAPED.

		Each.
1/2 pint,	4 3/4 x 2 1/2 inches,	\$0 25
1 pint,	6 x 3 1/2 inches,	35
1 quart,	8 1/4 x 4 1/4 inches,	50
1/2 gallon,	9 x 6 inches,	75
1 gallon,	11 1/2 x 7 1/2 inches,	1 50
2 gallon,	15 1/2 x 8 inches,	2 00
3 gallon,	19 x 9 inches,	3 00
4 gallon,	22 x 10 inches,	4 50



CYLINDER AND FLAT SHOW BOTTLES.

ON FOOT. STOPPERED.



	Each.	
	Cylinder.	Flat.
13 x 1 inches, 3 ounce	\$0 75	\$1 20
18 x 1 1/2 inches, 12 ounce	90	1 35
22 x 1 1/2 inches, 16 ounce	1 00	1 60
22 x 2 inches, 24 ounce	1 20	1 80
22 x 3 inches, 40 ounce	1 75	2 15
24 x 2 inches, 32 ounce	1 90	3 15
25 x 3 inches, 48 ounce	2 10	3 50
29 x 2 1/2 inches, 48 ounce	2 50	4 10
29 x 3 inches, 1/2 gallon	2 60	4 25
34 x 2 1/2 inches, 1/2 gallon	4 00	7 25
35 x 4 inches, 1 gallon	4 75	8 00
40 x 3 inches, 3 quart	6 00	
42 x 4 inches, 5 quart	7 00	

Heights given are approximate and include Stoppers.

FISH GLOBES.

HANGING.

CHAINS EXTRA.

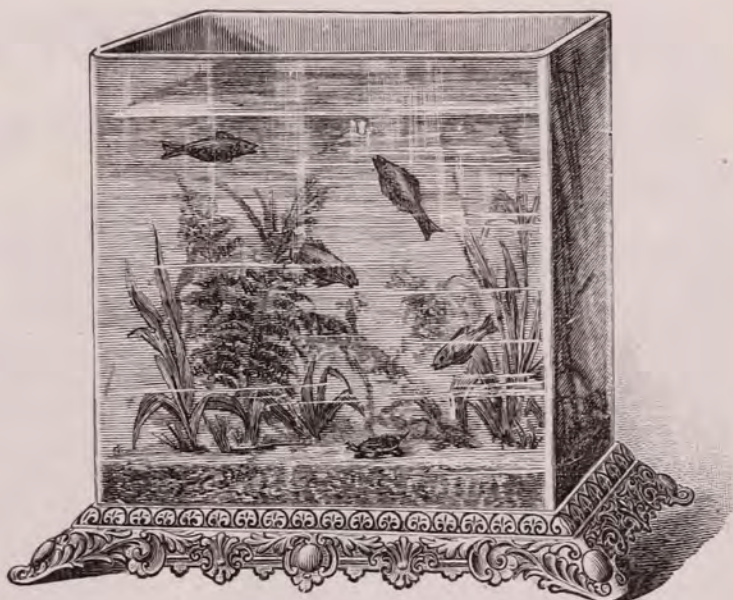


	Per doz.
1/2 pint	\$2 50
1 pint	3 50
1 quart	4 50
1/2 gallon	6 25
1 gallon	9 00
1 1/2 gallon	12 00
2 gallon	15 00
3 gallon	18 00

ON FOOT.

	Per doz.
1 quart	\$9 00
1/2 gallon	12 00
1 gallon	16 00
1 1/2 gallon	24 00
2 gallon	26 00
3 gallon	39 00
4 gallon	52 00





OBLONG AQUARIA.
MADE OF ONE PIECE OF GLASS.

Without Base.

	Each.
2½ Gallon, length, 10½ inches ; width, 6½ inches ; height, 10½ inches	\$3 00
5 Gallon, length, 13 inches ; width, 8 inches ; height, 13 inches	6 00

BASES AND STAND FOR OBLONG AQUARIA.

	Each.
No. 200 Base, Brass finished, for 5 gallon	\$3 00
No. 205 Base, Brass finished, for 2½ gallon	2 50
No. 210 Stand, Brass finished, height 32 inches, for 5 gallon	12 00

ROUND AQUARIA.



	Per doz.
1 quart	\$7 00
½ gallon	10 00
1 gallon	13 00
1½ gallon	17 00
2 gallon	21 50
3 gallon	25 00
4 gallon	32 00
5 gallon	40 00
6 gallon	53 00
8 gallon	64 00
10 gallon	80 00
12 gallon	90 00
20 gallon	125 00

BELL-SHAPE AQUARIA.

On Foot.



	Per doz.
½ gallon	\$12 00
1 gallon	16 00
1½ gallon	24 00
2 gallon	26 00
3 gallon	39 00
4 gallon	52 00

HOMEOPATHIC VIALS.

ONE GROSS IN PASTEBOARD BOX.

SHORT STYLE.



S. 8 drachm.

S. 6 drachm.

S. 4 drachm.

S. 3 drachm.

S. 2 drachm.

S. 1 1/2 drachm.

These Vials possess the following advantages:

- WEIGHT.—Extra weight and thickness.
- MOUTHS.—Mouths formed by "Patent Tools," uniform in diameter, and always round.
- LIPS.—Thick, well-shaped, regular and strong.
- ANNEALING.—Carefully annealed, and thus not liable to break from sudden changes in temperature.



S. 1/8 dr.

S. 1/4 dr.

S. 1/2 drachm.

S. 1 drachm.

In ordering, please state the style desired, whether long or short.

FLINT HOMEOPATHIC VIALS.

SHORT OR LONG.

	Per gross.		Per gross.
1/8, 1/4 and 1/2 drachm	\$1 12 1/2	3 drachm	\$2 00
1 drachm	1 25	4 drachm	3 00
1 1/2 drachm	1 50	6 drachm	4 00
2 drachm	1 50	8 drachm	5 00

AMBER OR BLUE HOMEOPATHIC VIALS.

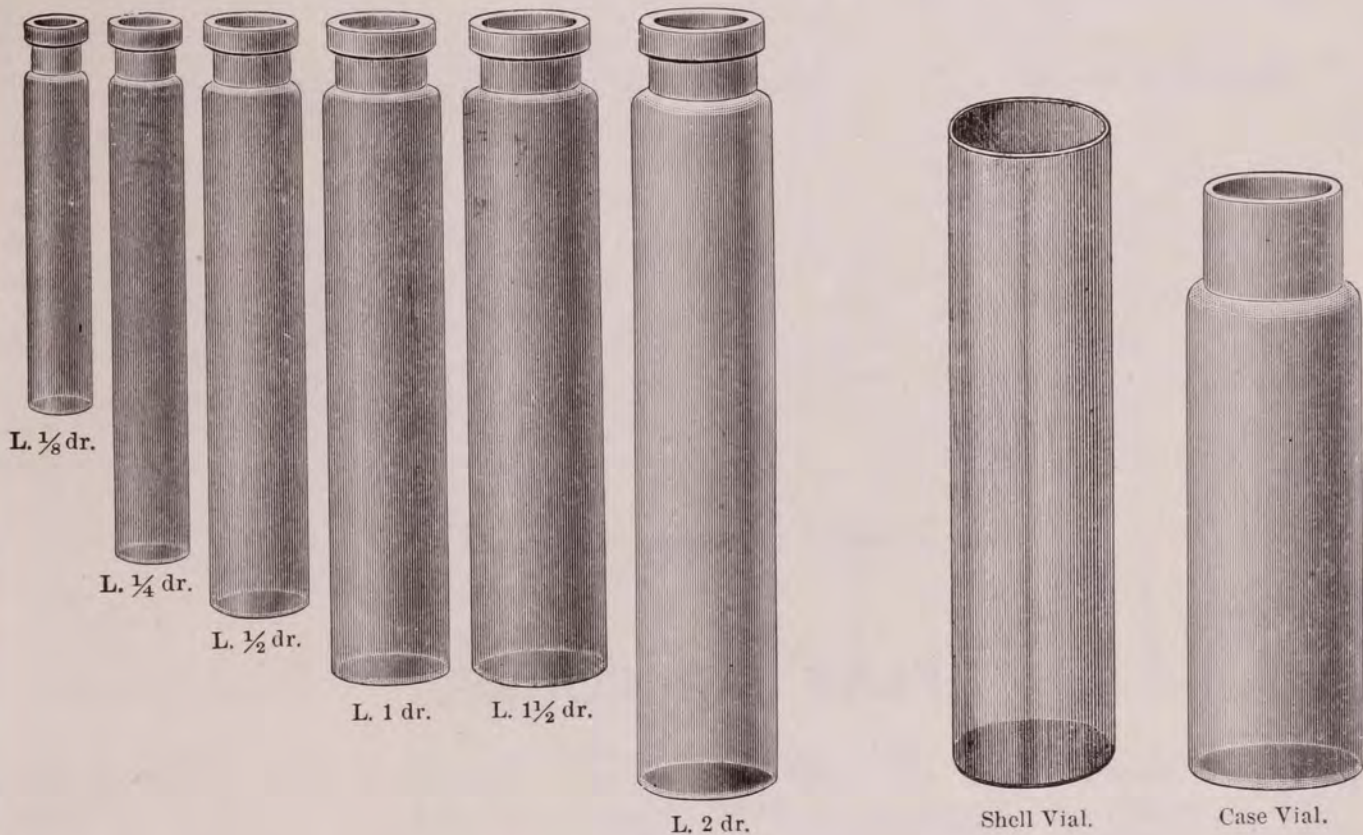
SHORT STYLE.

	Per gross.		Per gross.
1 drachm	\$1 75	2 drachm	\$2 00

HOMEOPATHIC VIALS.

LONG STYLE.

For Prices, see Opposite Page.



SPECIAL VIALS.

Special sizes of **Homeopathic Vials, Case Vials, Shell Vials**, etc., can be made to order in lots of one gross of a size, or upward. Metric specifications will be accepted.

SCREW-NECK TUBE VIALS.

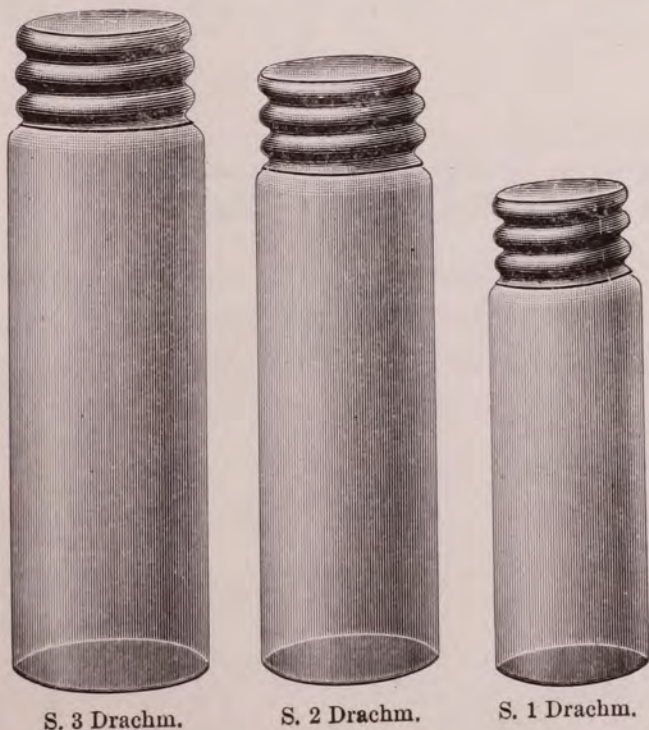
WITH METAL SCREW CAPS.

Put up in Pasteboard Boxes of one gross.

The necks of these Vials are finished with a thread, and the caps screw directly on the glass.

	Per gross.
S. 1 drachm	\$3 00
S. 2 drachm	3 75
S. 3 drachm	4 00
S. 4 drachm	5 00
$\frac{7}{8}$ x $3\frac{1}{2}$ inches	8 00
$\frac{7}{8}$ x $5\frac{1}{2}$ inches	10 50

Special lengths of any of these Vials can be made, when wanted in quantities.



S. 3 Drachm.

S. 2 Drachm.

S. 1 Drachm.

W. T. CO. CORKS.

We call particular attention to our Special Brands of Corks. These goods are supplied in three grades. They are of extra length and are specially selected for our purpose, and we guarantee their quality.

RED SEAL BRAND.		BULLS-EYE BRAND.		ACORN BRAND.	
No.	Per gross.	No.	Per gross.	No.	Per gross.
1	\$0 84	1	\$0 66	1	\$0 25
2	84	2	66	2	25
3	1 08	3	83	3	30
4	1 20	4	94	4	40
5	1 44	5	1 10	5	60
6	1 68	6	1 38	6	70
7	2 28	7	2 09	7	1 15
8	2 76	8	2 48	8	1 40
9	3 00	9	2 64	9	1 60
10	4 20	10	3 85	10	2 10

SEE DIAGRAM OF DIMENSIONS ON OPPOSITE PAGE.

FLAT JAR CORKS.

Diameter at top.	Length.	Per gross.	Diameter at top.	Length.	Per gross.
1 inch	$\frac{1}{2}$ inch	\$0 70	2 inches	$\frac{1}{2}$ inch	\$3 60
$1\frac{1}{8}$ inches	$\frac{1}{2}$ inch	1 00	$2\frac{1}{8}$ inches	$\frac{1}{2}$ inch	4 10
$1\frac{1}{4}$ inches	$\frac{1}{2}$ inch	1 25	$2\frac{1}{4}$ inches	$\frac{1}{2}$ inch	4 60
$1\frac{3}{8}$ inches	$\frac{1}{2}$ inch	1 50	$2\frac{3}{8}$ inches	$\frac{5}{8}$ inch	6 10
$1\frac{1}{2}$ inches	$\frac{1}{2}$ inch	1 90	$2\frac{1}{2}$ inches	$\frac{5}{8}$ inch	6 75
$1\frac{5}{8}$ inches	$\frac{1}{2}$ inch	2 30	3 inches	$\frac{5}{8}$ inch	10 50
$1\frac{3}{4}$ inches	$\frac{1}{2}$ inch	2 75	$3\frac{1}{2}$ inches	$\frac{5}{8}$ inch	14 00
$1\frac{7}{8}$ inches	$\frac{1}{2}$ inch	3 30			

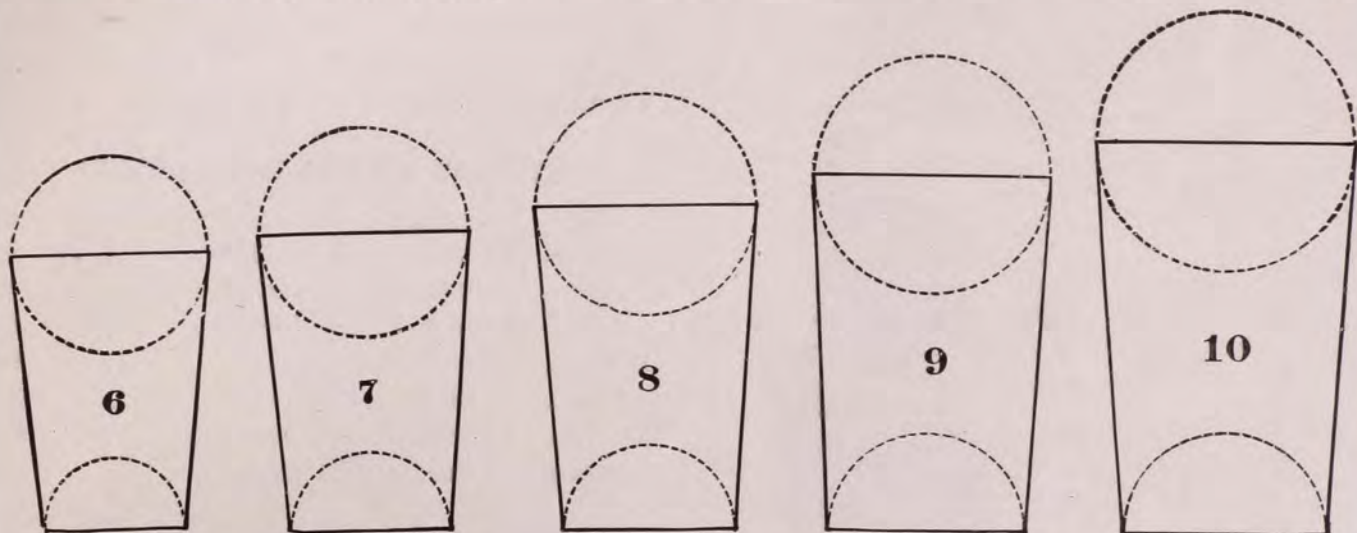
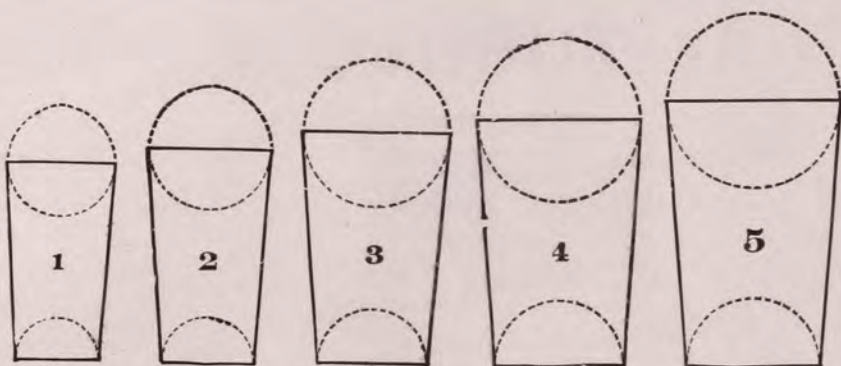
W. T. CO. RUBBER STOPPERS.

These Stoppers correspond in size and number respectively to our "Red Seal Corks." They are of a light slate color, and are of better quality than the White Rubber Stoppers usually sold, being of softer stock and not so liable to become hardened with age.

SEE DIAGRAM OF SIZES ON OPPOSITE PAGE.

No.	Per gross.	No.	Per gross.
1	\$0 90	6	\$4 15
2	1 25	7	5 00
3	1 80	8	6 00
4	2 35	9	8 30
5	3 40	10	9 00

DIAGRAM SHOWING SIZES OF
W. T. CO. CORKS
 AND
W. T. CO.
RUBBER
STOPPERS.



W. T. CO. FLAT
SOFT RUBBER STOPPERS.

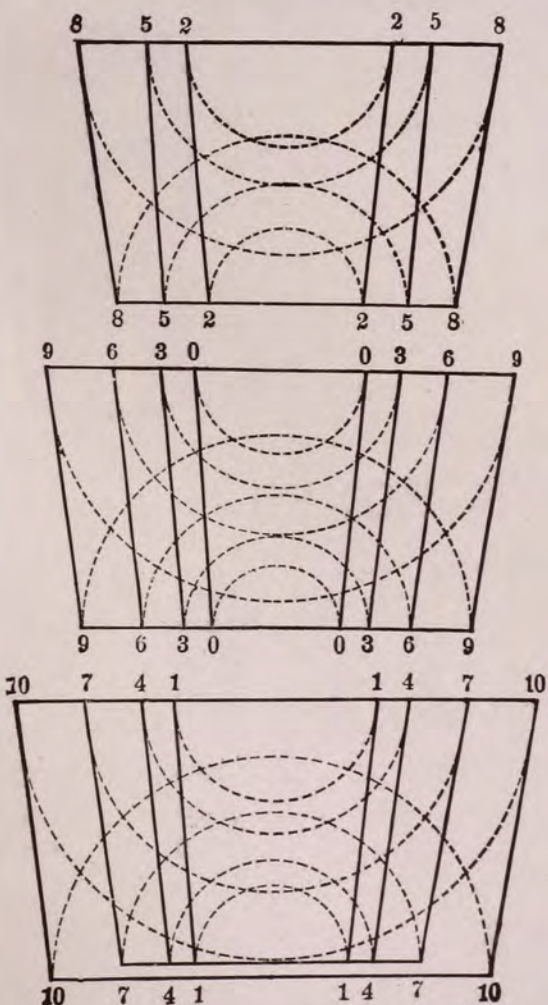
FOR USE IN CHEMICAL LABORATORIES.
 PERFORATED AND SOLID.

Made of the best quality rubber, soft and elastic.
 Each size furnished in three styles—with two holes, with
 one hole, and solid.

Dimensions as shown by Diagrams.

No.	2 Holes. Per doz.	1 Hole. Per doz.	Solid. Per doz.
0	\$0 66	\$0 70	\$0 72
1	88	92	98
2	1 00	1 03	1 05
3	1 26	1 35	1 44
4	1 60	1 70	1 80
5	1 80	2 00	2 15
6	2 35	2 50	2 80
7	3 50	3 60	3 70
8	4 40	4 50	4 60
9	5 40	5 50	5 70
10	7 30	7 40	7 50

The above prices per dozen approximate, as closely as possible, \$4.50 per pound.





TURNED WOOD BOXES.

PHENIX.

Beaded Top and Bottom. Inside Corners of Bottom Rounded.

	Height.	Diameter.	Per gross.
1/8 ounce.	5/8 inch.	1 1/8 inches	\$0 40
1/4 ounce.	7/8 inch.	1 7/16 inches	60
1/2 ounce.	1 1/16 inches.	1 11/16 inches	95
1 ounce.	1 1/8 inches.	2 inches	1 35
2 ounce.	1 1/4 inches.	2 3/8 inches	2 00
3 ounce.	1 1/2 inches.	2 11/16 inches	2 90
4 ounce.	1 3/8 inches.	2 3/4 inches	3 40

REGULAR TURNED WOOD BOXES.

	Height.	Diameter.	Per gross.
1/8 ounce.	5/8 inch.	1 1/8 inches	\$0 26
1/4 ounce.	1 3/16 inch.	1 7/16 inches	40
1/2 ounce.	1 inch.	1 11/16 inches	60
1 ounce.	1 1/8 inches.	2 inches	90
2 ounce.	1 1/4 inches.	2 3/8 inches	1 30
3 ounce.	1 3/8 inches.	2 5/8 inches	1 80
4 ounce.	1 5/8 inches.	2 3/4 inches	2 30

TURNED WOOD CASES—Screw Top

For Mailing Bottles, Etc.

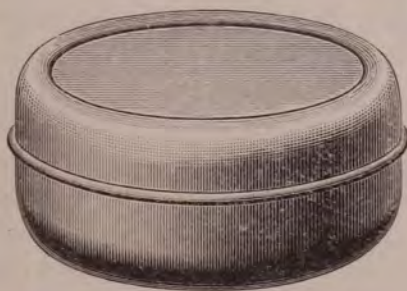
	Per gross.
1 drachm	\$2 88
2 drachm	3 60
1/2 ounce	4 80
1 ounce	7 20
2 ounce	8 40
3 ounce	10 80
4 ounce	14 40



Phenix Turned Wood Boxes.

ROUND SEAMLESS TIN BOXES.

PLAIN TIN OR LACQUERED.



	Plain. Per gross.	Lacquered. Per gross.
1/4 ounce, 1/2 gross in box	\$1 20	\$1 70
1/2 ounce, 1/2 gross in box	1 70	2 30
1 ounce, 1/2 gross in box	2 40	3 10
2 ounce, 1/2 gross in box	3 80	4 60
3 ounce, 1/4 gross in box	5 00	5 90
4 ounce, 1/4 gross in box	6 00	6 90

PAPER BOXES.

We supply Small Paper Boxes in various styles and sizes, Round, Oblong and Square.

WHITALL TATUM COMPANY.

NONSOL GLASS.

A GLASS of our own manufacture, which has been found superior to all others in the resistance which it offers to the action of chemical reagents. This glass has been on the market for several years, and has been thoroughly tested with universally satisfactory results, by daily use in many laboratories, including those of the United States Government, and all who have tried it give it the preference over any other domestic or imported glass for its non-corrosive qualities.

Various tests have been made to determine the solubility of "Nonsol" glass as compared with that of other glasses commonly used, and in every case the "Nonsol" has been found to show the greatest resistance to the corrosive action of water and alkaline reagents.

The table given below is a summary of a number of such tests made by Thomas B. Stillman, M. Sc., Ph. D., Professor of Chemistry, The Stevens Institute of Technology, Hoboken, N. J.

SUMMARY OF COMPARATIVE TESTS MADE BY

PROF. THOMAS B. STILLMAN.

Giving the milligrams per litre dissolved in distilled water and the solutions named, by heating and boiling them under identically similar conditions, in flasks of the makes specified:

	Distilled Water	Sodium Carb. 10% Distilled Water 90%	Ammo. Chloride 10% Distilled Water 90%	Potass. Hydrox 10% Distilled Water 90%	Sulphuric Acid 10% Nitric Acid 10% Distilled Water 80%
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45609

WHITALL TATUM COMPANY.

NONSOL GLASS.

A GLASS of our own manufacture, which has been found superior to all others in the resistance which it offers to the action of chemical reagents. This glass has been on the market for several years, and has been thoroughly tested with universally satisfactory results, by daily use in many laboratories, including those of the United States Government, and all who have tried it give it the preference over any other domestic or imported glass for its non-corrosive qualities.

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SUMMARY OF COMPARATIVE TESTS MADE BY
 PROF. THOMAS B. STILLMAN.

Giving the milligrams per litre dissolved in distilled water and the solutions named, by heating and boiling them under identically similar conditions, in flasks of the makes specified:

	Distilled Water	Sodium Carb. 10% Distilled Water 90%	Ammo. Chloride 10% Distilled Water 90%	Potass. Hydrox 10% Distilled Water 90%	Sulphuric Acid 10% Nitric Acid 10% Distilled Water 80%
W. T. Co. "Nonsol" Glass	4.6	18.	13.	101.5	48.4
W. T. Co. Regular Chemical Glass	6.3	68.	15.5	114.	63.4
Jéna Glass	6.3	43.	16.	104.	33.4
Schilling Glass	16.3	48.	20.5	114.	113.4
Kavalier Glass	21.6	63.	15.5	109.	88.4

The tests from which the above table is compiled are considered by Dr. Stillman to give a fair comparison of the glasses in question in their resistance to the action of chemicals as indicated in the ordinary analytical chemical methods employing glassware.



ALL NONSOL WARE IS STAMPED WITH THE NAME.



For a complete list of Flasks, Beakers, etc., made in Nonsol Glass, see our Price List of Laboratory Glassware.

WHITALL TATUM COMPANY.

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