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1852-1910

E. H. SARGENT & CO.

CHICAGO

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GIFT OF

C. H. Sargent & Co.

Class

Price List
of
Chemical and Bacteriological
Apparatus
and
Assayers' Supplies



SOLD BY

E. H. SARGENT & COMPANY

Established 1852

IMPORTERS AND MAKERS OF
LABORATORY SUPPLIES

143-145 LAKE STREET

- -

CHICAGO

Telephones Main 4602-3 and 4

Cable Address, Elmer, Chicago

1910

Q163
S3

Gift of E. H. Sargent & Co.,
To Our Customers

WE take pleasure in presenting a complete revision of our catalog of Chemical Apparatus, with also a list of Bacteriological Apparatus and Books. We trust that its plan and arrangement will meet with your approval. It is our intention to carry in stock, or supply promptly, all articles listed by us. Any other Apparatus required we will import or make to order promptly, and at reasonable prices; reference to other catalogs, or works of reference, will be understood by us. ¶ We aim to supply all articles of the best quality. Our prices will be found as favorable as those of other dealers supplying goods of equal value. We import direct from the manufacturers, Glass, Porcelain, Chemicals, etc., and manufacture in our machine shop, under our direct supervision, a large proportion of the Metal Ware sold by us. ¶ We are United States agents for J. H. MUNKTELL, BECKER'S SONS (Rotterdam), JOSEF & JAN FRIC, and others. Our stock of Chemicals is selected from the products of makers of established reputation; price list of Chemicals sent upon application. ¶ Those with whom we have no account will please send money with order, or furnish satisfactory references. Goods sent C. O. D. when parties are known to us, or enough money accompanies the order to pay express charges both ways. ¶ Our prices are for goods in our store. Boxing and cartage will be charged at cost. We employ the most competent and experienced packers, for whose services we make no charge. **We do not guarantee against breakage during transportation. Our risk ceases upon delivery to a public carrier.** ¶ We desire to thank our friends and customers for past favors and solicit their future orders, as well as the orders of all desiring goods in our line.

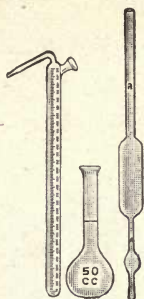
Very respectfully,

E. H. SARGENT & CO.

August 1st, 1910.



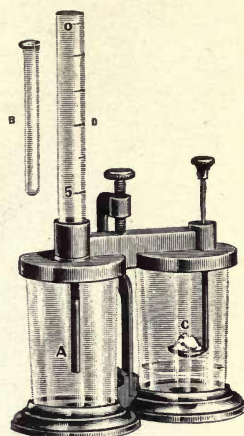
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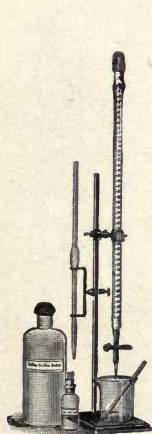


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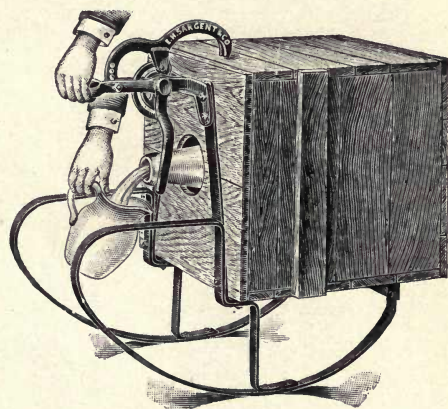
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|-----|---|-------|
| 200 | ABSORPTION BLOCKS —Schleicher & Schuell's No. 573. Made from paper purified with acids; used in calorimetric determinations to absorb difficultly combustible liquids. Price per hundred box | 1.75 |
| 202 | ACETOMETER —Gall's, for determining the quantity of acid in must, or wine, complete in case with directions | 3.00 |
| 204 | " Otto's , for determining the percentage of acid in vinegar, with directions | .80 |
| 206 | " Twitchell's , for determining the acid strength of all kinds of vinegars, with directions | 16.00 |
| 208 | " Twitchell's , for acidity of wine | 16.00 |



210

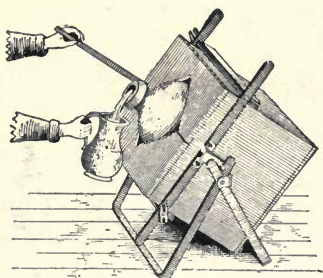


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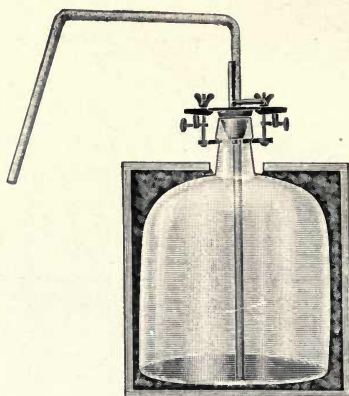


214

- | | | |
|-----|---|------|
| 210 | ACETIC-ACID TESTING Outfit , U. S. Government official method, consisting of a 50 cc. burette, with complete support, Pipette, Beaker, stirring rod, Standard solution of Sodium Hydrate, and solution of Phenolphthalein, with complete directions for use. Net | 5.00 |
| 212 | ACETYLIZATION FLASKS , for determining Menthol in Oil of Peppermint, etc., with ground in Condensing Tube | 1.25 |
| 214 | ACID CARBOY INCLINATOR —Flaherty's, a simple and convenient carboy tilter, requiring very little exertion and preventing spilling or splashing of contents. A single movement of the lever locks the inclinuator to the carboy, which by an ingenious curvature of the rockers is kept in an upright position, when not in use. Price, net | 5.00 |



216



218

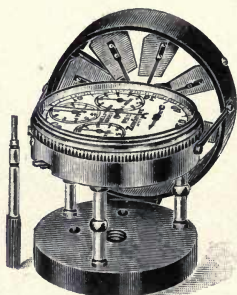


220

- 216 ACID CARBOY**—Stand, for carrying and tilting carboys, very convenient, net 4.00
- 218 ACID PUMP**—For drawing liquids, acids, etc., from carboys, operated with foot-blower, net 5.00
 Foot-blower to operate the pump, net 5.00
- 220 ACID PUMP**—A convenient and handy arrangement for drawing acid, etc., from carboys, bottles, etc. Will fit any container having a neck from $1\frac{1}{4}$ -2 $\frac{3}{8}$ inches diameter. Each, net 5.00
- 222 ACID PITCHERS**—stoneware, with handle.
- | | | | | |
|----------------------|--------|-----|-----|------|
| Capacity, pints..... | 2 | 4 | 8 | 16 |
| Price, each..... | \$0.30 | .40 | .70 | 1.00 |



222

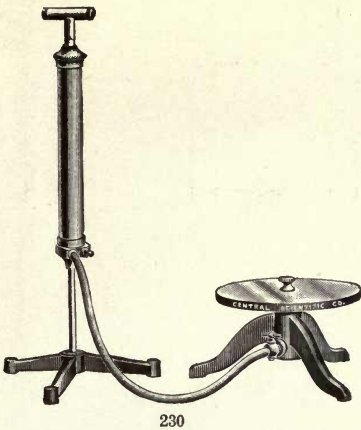


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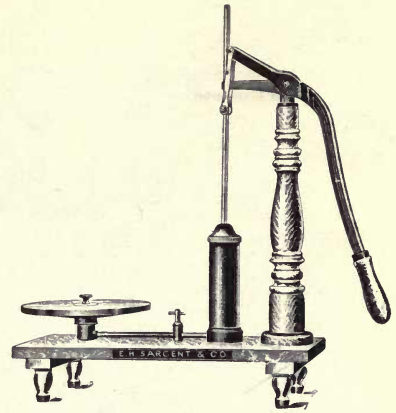


228

- 224 AIR METER OR ANEMOMETER**, Portable, for measuring the air currents through Mines, Tunnels, Sewers, etc., in mahogany case, with universal jointed socket holder and disconnecter and zero setting with four dials reading to 100,000 feet 30.00
- 226 " " OR ANEMOMETER**—Biram's, with disconnecter, 3 inches in diameter, with two dials reading to 1,000 feet 25.00
- 228 " " OR ANEMOMETER**—Biram's, as above, 4 inches in diameter, with four dials reading to 100,000 feet 28.00



230



234

230	AIR PUMP	—Condensing and exhausting, connected by Rubber Tubing to Iron Plate 8 inches in diameter, with stop-cock. Complete with tubing and receiver.....	12.00
232	"	" The Pump without the Plate.....	5.00
234	"	" Lever action; cylinder 6½ inches long, 2¼ inches diameter, with two valves, air pump plate 10 inches in diameter, of glass, ground plane and resting in a cast iron mould, with guard plug and vent screw; base and pillar of polished hardwood.....	28.00



236



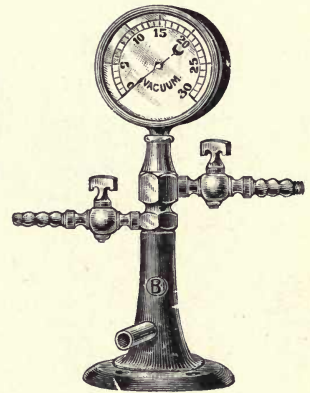
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244

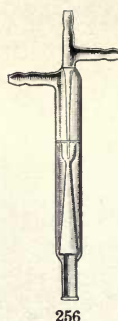
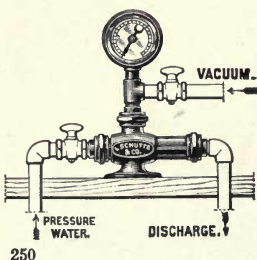
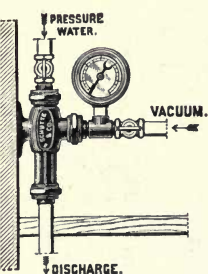


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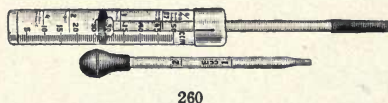


248

236	AIR PUMP OR FILTER PUMP	—Chapman's, of brass, new model, very powerful, regular size.....	1.50
238	"	" Same as above, large size.....	3.00
240	"	" OR FILTER PUMP —Prof. Richard's, of brass, regular size, ..	1.75
242	"	" Same as above, extra large size, length 12 inches; diameter 1 inch.....	7.50
244	"	" Faucet connection with hydrant threads for Nos. 236, 238 and 240. Each.....	.35
		N. B.—In ordering, please state which pump the connection is wanted for.	
246	"	" Connections for smooth faucets, for Nos. 236, 238 and 240.....	.55
		N. B.—In ordering, please state which pump the connection is wanted for.	
248	"	" Or Filter Pump , of brass, with vacuum gauge, and stopcocks at water and exhaust connections. Each.....	10.00
		As above without gauge.....	6.50
		" " " stopcocks (with gauge).....	8.00
		" " " " and gauge.....	4.50

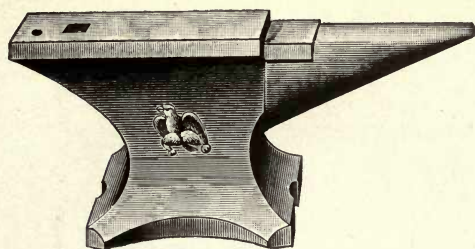


- 250 AIR PUMP—Laboratory Water Jet Vacuum Pump.** For the rapid creation and maintenance of a vacuum for filtration, percolation, evaporation, distillation and condensation. This pump has no moving parts, and consequently no wear and tear. The motive power required for working the same, does not exceed a head of 15 feet of water. Capacity of pump, with 20 pounds water pressure: $\frac{1}{4}$ cubic foot displacement per min. of air at atmospheric pressure. Complete, as shown in illustration, including exhauster, vacuum gauge, connecting tee and 2 cocks. Price, net..... **12.00**
- 252 “ Laboratory Steam Jet Vacuum Pump.** Same as above, but constructed for operation by steam. Complete, as illustrated, including exhauster, vacuum gauge, connecting tee, stop and check valve. Price, net..... **12.00**
- Larger sizes of the above exhausters made to order.
- 254 “ “ OR FILTER PUMP, Muencke's, of glass, simple and powerful, with one suction tube..... 1.40**
- 256 “ “ Same as above, with two suction tubes..... 1.50**
- 258 “ “ OR FILTER PUMP, Wetzel's, of glass, the most powerful glass Filter Pump at present on the market, requiring only one-third of the usual time for producing an equivalent vacuum, raising a column of mercury to 720 mm. in three minutes and to 745 mm. in five minutes. 2.25**

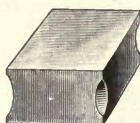


- 260 AIR TESTER—Wolpert's improved form, for obtaining the amount of Carbonic Acid contained in the air, by direct readings from the graduations etched on the instrument, thus doing away with all computations and tables as in the old form..... 3.50**
- 262 AMMONIA TUBE—for the determination of Moisture and Impurities in Anhydrous Ammonia, complete with rubber stopper and outlet tube..... 1.60**

- 264 ANNEALING CUPS, for gold.**
- | Diameter, inches..... | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ |
|------------------------|----------------|----------------|----------------|----------------|
| Per dozen..... | \$1.05 | 1.05 | 1.05 | 1.05 |
| Covers, per dozen..... | .30 | .30 | .30 | .30 |



266



268



270



272

266 ANVILS—Regular shape, steel face.

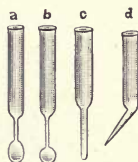
		5	10	15	20	30	50
	Weight, lbs.....						
	Each.....	\$2.00	2.75	3.25	4.00	4.50	6.00
268	" Solid steel, square, mirror polished face.						
	Size, inches square.....		1	2	3		
	Each.....		\$0.65	1.30	2.00		
270	" With point, square face, for driving into table or post, polished face, solid steel.						
	Weight, lbs.....		$\frac{1}{2}$	2	5		
	Each.....		\$0.65	1.25	2.50		
272	" Small, for blow pipe work, $1\frac{1}{2} \times 1\frac{1}{2}$ in.....						.50
274	" Square, 6x6x1-inch.....						1.50



276



280



282

276 ARSENIC—Apparatus, Marsh's, for detection of arsenic. On polished wooden support.....

2.20

278 " Plates, unglazed porcelain plates for arsenic test.

	Size, ctm.....	6.5x5	10x6	13x7
	Each.....	\$0.15	.20	.25

280 " TUBE—General Chemical Co.'s made of Jena Combustion Tubing, 15 inches long. Each.....

.35

282 " Tubes, of hard glass, shaped like a, b, c, or d. Per doz.....

.60

284 ASBESTOS—Sheets, 40x40 inches, per lb. Approximate weight per sheet.

.12

	Thickness, in.....	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
	Weight, lbs.....	2	4	6	8	11	15	21	28

286 " Boards, cut in squares.

	Size, in...	$4 \times 4 \times \frac{1}{32}$	$4 \times 4 \times \frac{1}{16}$	$5 \times 5 \times \frac{1}{32}$	$5 \times 5 \times \frac{1}{16}$	$6 \times 6 \times \frac{1}{32}$	$6 \times 6 \times \frac{1}{16}$
	Dozen...	\$0.25	.40	.40	.60	.60	.85

288 " Cloth, 36 inches wide, unaffected by acid, fire, etc.

			Fine	Med.	Heavy
	Per yard.....		\$3.20	4.00	5.50

290 " Cord, in 1 lb. balls.

	Diameter.....	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{8}$
	Per lb.....	\$2.00	1.75	1.60

292 " Pads, with iron bound edges, for protection of table, etc.

	Size, in.....	$6\frac{1}{2} \times 10 \times \frac{1}{4}$	$10 \times 13 \times \frac{1}{4}$	$13 \times 20 \times \frac{1}{4}$
	Each.....	\$0.50	.85	1.50

294 " Paper, useful for filtering acids, etc., per lb.....

.20