

CATALOG AA, 1920 EDITION

Chemical and Metallurgical  
Laboratory Supplies  
and Assayers' Materials



**EIMER AND AMEND**

Founded 1851

Executive Offices and Store Rooms

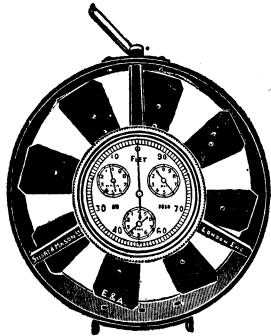
Third Avenue, 18th and 19th Street

Branch Office and Showroom  
2011 Jenkins Arcade  
PITTSBURGH, PA.

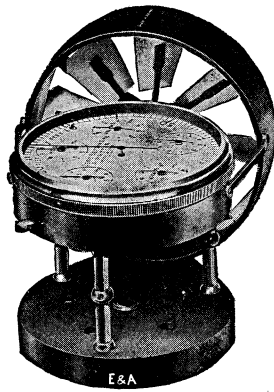
**NEW YORK, N. Y.**

At 18th Street Station Elevated R. R.  
and near 18th Street Subway Station

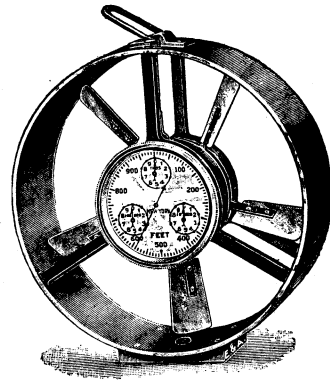
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128-130



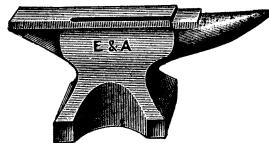
131



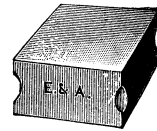
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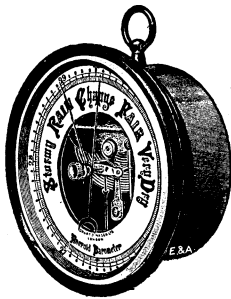
128. **ANEMOMETER**—Biram, with zero setting attachment. For registering the velocity of air in mines, tunnels, etc., the revolutions are recorded on a dial in the centre of the instrument. Diameter, 3 inches, 2 dials reading to 1,000 ft. in morocco case **40.00**
130. **Ditto**—Diameter 4 inches, 4 dials reading to 100,000 ft. in morocco case..... **42.75**
131. **ANEMOMETER**—For the measurement of air currents through mines, tunnels, and the ventilation of hospitals, public buildings, etc. The indications are obtained by means of a delicately poised fan wheel, the recording being commenced by the long hand, which traverses the outer circumference of the main dial, showing the passage of 100 feet of air, with 6 dials reading to 10,000,000 feet, with zero-setting attachment, jewelled movement, in leather case..... **44.00**
133. **ANEMOMETER**—High Speed, for measuring air velocities up to 6,000 feet per minute, registering to 1,000,000 feet by 10 feet intervals, with disconnecter and zero-setting arrangement, in leather pouch with belt strap ..... **60.00**
134. **ANVIL**—Plattner, for blowpipe analysis 1½ in. by 1½ in. by ½ inch..... **1.00**
136. **ANVIL**—Regular shape, steel face.
- |                          |             |              |              |              |
|--------------------------|-------------|--------------|--------------|--------------|
| Weight, lbs. ....        | 8           | 20           | 30           | 40           |
| Length of face, in. .... | 5½          | 6¼           | 7¼           | 8¾           |
| Each .....               | <b>7.80</b> | <b>10.60</b> | <b>14.50</b> | <b>20.00</b> |
138. **ANVIL**—Square, cast steel, polished face.
- |              |            |             |             |             |
|--------------|------------|-------------|-------------|-------------|
| Inches ..... | 1          | 2           | 3           | 4           |
| Each .....   | <b>.60</b> | <b>1.20</b> | <b>2.40</b> | <b>3.50</b> |

**ANAEROBIC CULTURE APPARATUS**, see Bacteriological Catalog.

**ANATOMICAL JARS**—See Jars.

**ANIMAL BOARDS, CAGES, HOLDERS**, etc.—See Bacteriological Catalog.

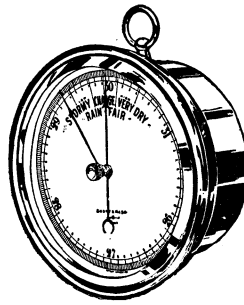
**ANNEALING CUPS**—See Cups.



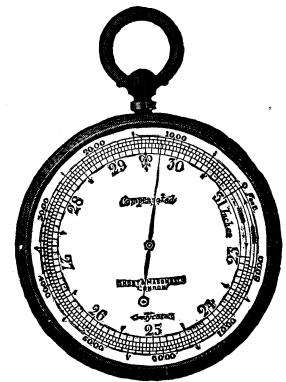
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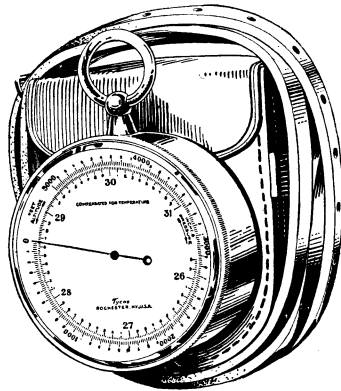
543



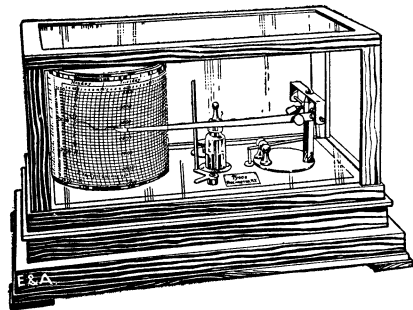
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546



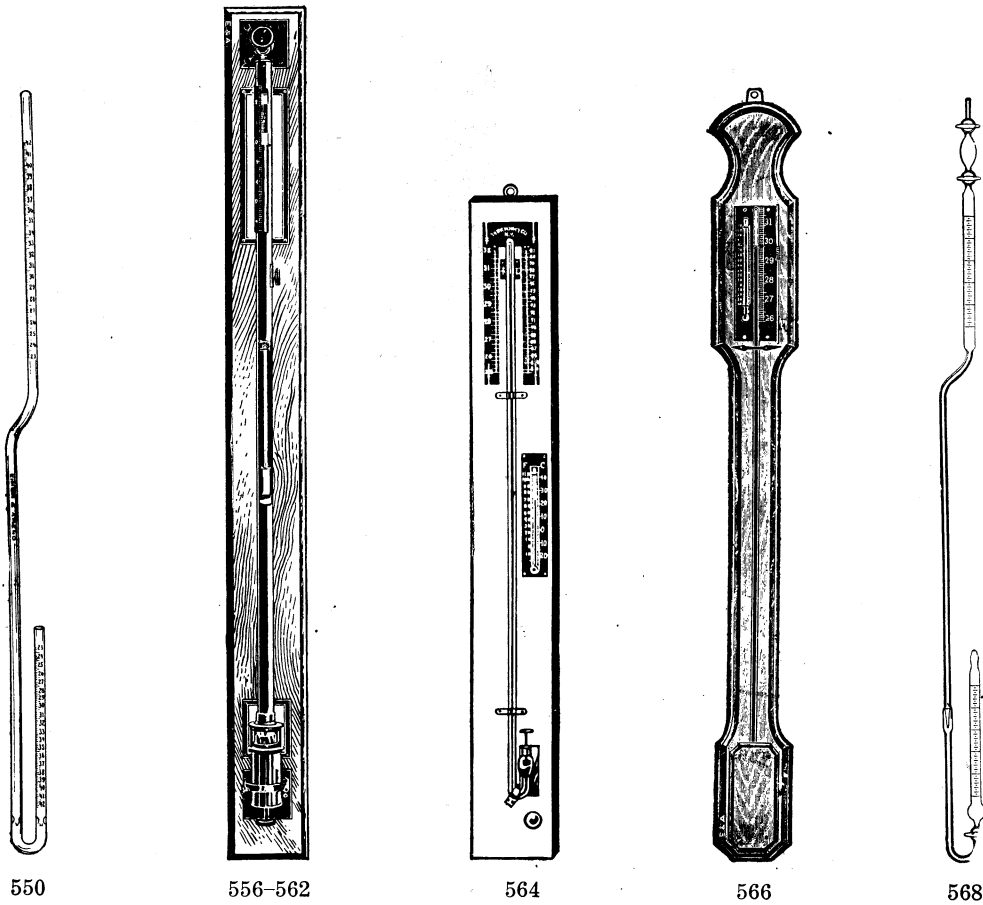
546/2



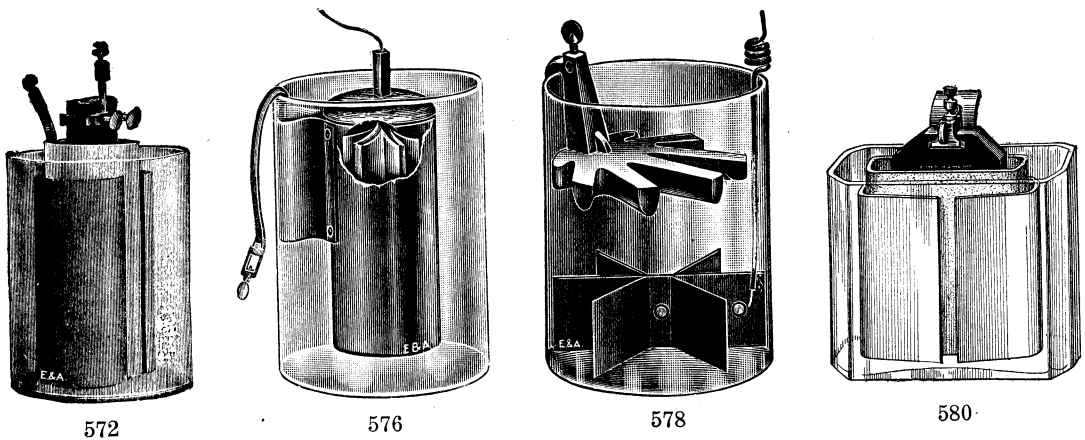
547

- 540. **BAROMETER—Aneroid** in brass case with open porcelain dial, visible works. Diam. 5 in. .... 12.25
- 542. Ditto—Diam. 6 in. .... 13.50
- 543. **BAROMETER—Aneroid**, in brass case, specially finished movement, compensated for temperature, silvered open metal dial, divided to 0.02", diameter 5 inches ..... 20.00
- 543/1. Ditto—Diam. 6 in. .... 25.00
- 544. **BAROMETER—Aneroid**, with patent revolving back, adjustable for any latitude up to 3500 ft. The adjustment is very simple, and no derangement of the working parts is necessary. In brass case 5 inch diameter, porcelain dial ..... 16.25
- 544/1. Ditto—Compensated, Diam. 5 in. .... 21.75
- 546. **BAROMETER—Aneroid**, watch form, for pocket, 1 3/4 inch diameter, silvered metal dial with fixed altitude scale 8000 ft. in 50 ft. divisions, compensated for temperature; in fine morocco case ..... 27.00
- 546/1. **BAROMETER**—same as above, but 16,000 ft. altitude scale in 100 ft. divisions ..... 32.00
- 546/2. **BAROMETER—Aneroid**, for altitude, revolving scale reading to 10,000 feet, aluminum case in leather sling carrying case ..... 30.75
- 547. **BAROMETER—Aneroid**, "Cyclo-Stormograph," latest device for automatically registering weather changes, mounted in polished mahogany case with glass cover, complete with weekly charts enough for one year ..... 54.00

Description with each instrument.



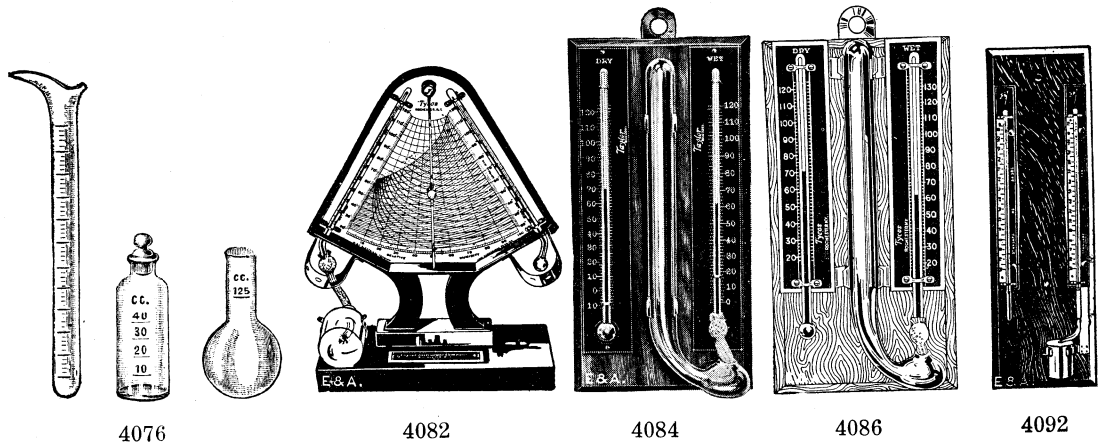
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|---|--|-------|
| 548.  | <b>BAROMETER</b> —Bunsen Syphon, plain tube only, unfilled .....   | 2.50  |
| 550.  | <b>Ditto</b> —graduated in millimeters, the tube only .....  | 4.50  |
| 552.  | <b>Ditto</b> —graduated in millimeters, filled with mercury .....  | 15.00 |
| 554.  | <b>Ditto</b> —graduated in millimeters, filled with mercury, on support .....  | 18.00 |
| <p>We pack mercury filled Barometers with the utmost care; notwithstanding this, they are liable to damage in transit. Wherever possible, send messenger.</p> |  |       |
| 556.  | <b>BAROMETER</b> —United States Signal Service, high grade black oxidized finish, silver deposited figures, tube $\frac{1}{4}$ in. bore, engraved stem thermometer. Total length 39 in. For use in any altitude from sea level to 3000 ft. Graduated in mm., vernier 1/10 mm., without board ..... | 80.00 |
| 556/1.  | <b>Ditto</b> —E. & A. ....   | 50.00 |
| 558.  | <b>Ditto</b> —graduated in inches, vernier 1/100th inch, without board .....   | 80.00 |
| 558/1.  | <b>Ditto</b> —E. & A. ....   | 50.00 |
| 560.  | <b>Ditto</b> —Graduated in inches and mm., without board .....   | 88.00 |
| 560/1.  | <b>Ditto</b> —E. & A. ....   | 55.00 |
| 562.  | <b>OAK BOARD</b> —with opal glass reflectors, suspension hook and steadying screws for any of above barometers .....   | 11.00 |
| 562/1.  | <b>Ditto</b> —E. & A. ....   | 8.00  |
| 564.  | <b>BAROMETER</b> —Mercurial, for school use, black oxidized finish, sliding scale to allow for changing level of mercury in cistern, screw attachment for blocking the mercury. Graduated in inches and mm. with double vernier; complete on oak board with F. & C. thermometer .....              | 27.00 |



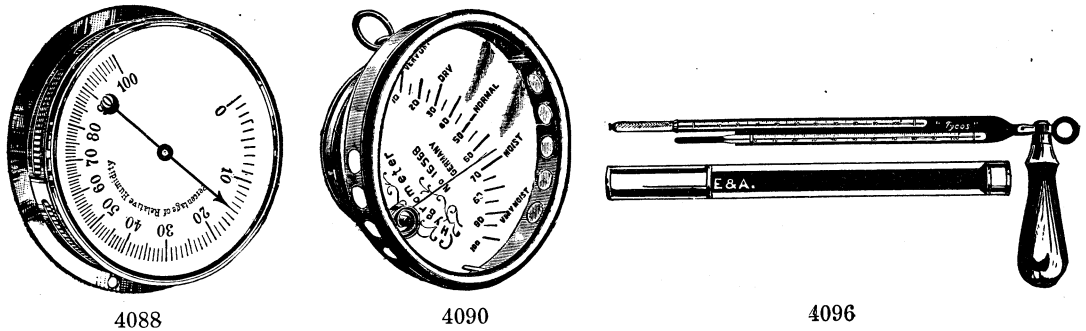
566. **BAROMETER**—School, graduated in inches and 1/10ths; on oak frame with thermometer. For cut, see preceding page ..... **18.00**
568. **BAROMETER**—Syphon, new form, with absolutely tight patent stopcocks, graduated in 1/2 mm., easily filled or emptied. For cut, see preceding page. Price unfilled.. **18.00**
- BAROMETER**—Tubes—see Tubes.

**BATTERIES**

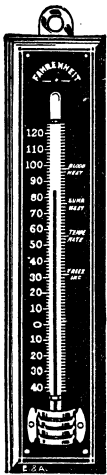
572. **BATTERY**—Bunsen, with rolled zincs. Best adapted for open circuit work for operation of induction coils, motors, electrolysis of water, etc.
- | Capacity .....            | 1 quart     | 1/2 gal.    | 1 gal.      |
|---------------------------|-------------|-------------|-------------|
| Size of jar, inches ..... | 4 1/2 x 5   | 5 x 6       | 6 x 8       |
| Complete .....            | <b>2.60</b> | <b>3.20</b> | <b>4.20</b> |
| Jar .....                 | <b>.50</b>  | <b>.55</b>  | <b>.60</b>  |
| Porous cup .....          | <b>.24</b>  | <b>.30</b>  | <b>.40</b>  |
| Carbon .....              | <b>.10</b>  | <b>.20</b>  | <b>.30</b>  |
| Zinc and connection ..... | <b>1.50</b> | <b>1.80</b> | <b>2.40</b> |
576. **BATTERY**—Daniel. Good Primary Battery for both open and closed circuit work.
- |                            |             |
|----------------------------|-------------|
| Complete .....             | <b>3.60</b> |
| Glass Jar 6x8 inches ..... | <b>.60</b>  |
| Porous Cup .....           | <b>.40</b>  |
| Copper .....               | <b>1.20</b> |
| Zinc .....                 | <b>1.00</b> |
| Zinc Clamp .....           | <b>.20</b>  |
578. **BATTERY**—Crowfoot
- | Size of Jar, inches ..... | 6x8         | 5x7         |
|---------------------------|-------------|-------------|
| Complete .....            | <b>1.70</b> | <b>1.30</b> |
| Jar .....                 | <b>.60</b>  | <b>.50</b>  |
| Zinc .....                | <b>.90</b>  | <b>.60</b>  |
| Copper .....              | <b>.20</b>  | <b>.20</b>  |
580. **BATTERY**—Nickel Plating. An improved Bunsen cell of great power, for electric plating, etc.
- |                                    |             |
|------------------------------------|-------------|
| Complete .....                     | <b>8.50</b> |
| Jar .....                          | <b>3.00</b> |
| Porous Cup .....                   | <b>1.00</b> |
| Zinc .....                         | <b>3.00</b> |
| Zinc connector .....               | <b>.30</b>  |
| Carbon .....                       | <b>1.00</b> |
| Carbon Clamp, platinum faced ..... | <b>1.20</b> |



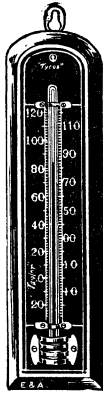
4076. **HYDROTIMETER**—Bouton-Boudet, for determining the hardness of water by means of soap solution; burette, shaking flask and boiling flask, with directions ..... **3.50**
4082. **HYGROMETER**—Hygrodeik, for determining the relative and absolute humidity, dew point, and foretelling frosts, without any reference to tables; card dial, black japanned iron frame, scale range 20 to 120° F. .... **13.50**  
 a. Extra Thermometers for above ..... each **3.25**  
 b. Extra silk wicks ..... dozen **1.25**
4084. **HYGROMETER**—Mason, with brass scales mounted on oak board, size 11x5 inches; scale range approximately 10–140° F.; with tables and directions ..... **3.60**  
 a. Extra silk wicks ..... dozen **1.50**
4086. **HYGROMETER**—Mason Standard, best make; black oxidized brass scales, mounted on mahogany finish board, size 11x5 inches; scale range approximately 10–140° F. **5.00**



4088. **HYGROMETER**—Precision Hair, more reliable and durable than the ordinary hair hygrometer. Metallic dial 13 cm. diameter, in lacquered brass case ..... **11.00**
4090. **HYGROMETER**—Mitthof, metallic spiral in brass case, for direct reading of humidity. Diameter, inches ..... 3    4    5  
 Each ..... **3.00    10.00    15.00**
4092. **HYGROMETER**—Weather Bureau pattern, with two thermometers mounted on mahogany finish board 17x5 inches, nickel plated brass cistern, and certificates ..... **13.50**
4096. **HYGROMETER**—The Sling Psychrometer, for obtaining quick and more accurate results than are possible with the stationary wet and dry bulb instruments. Scale 0–100° F. in ½°, with copper protecting case 16¾ inches long ..... **11.50**  
 a. Extra Thermometers ..... **4.00**



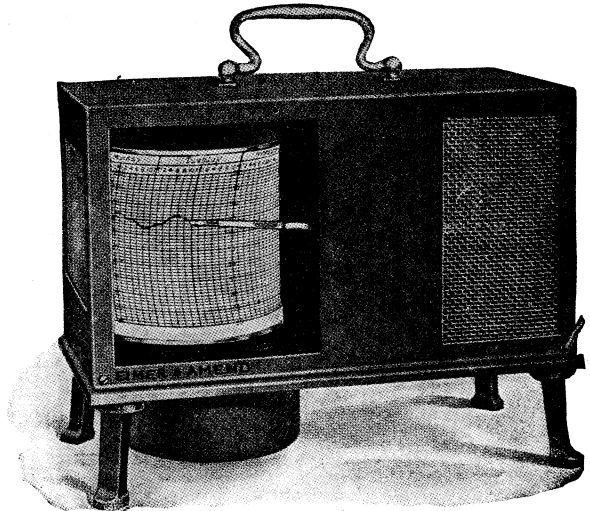
6890



6892



6896



6902/1

6890. THERMOMETER—Household, ordinary quality, on walnut finish wooden frame; scale range 10° to 40° below to 120° F. above.

Length, inches .....	8	10
Each .....	.65	.95
Dozen .....	7.00	10.00

6892. THERMOMETER—Household, Standard quality, on oak frame, ebonized scale; very reliable; scale approximately 10° to 40° below to 120° F. above.

Length, inches .....	8	10
Each .....	1.65	1.80

6894/1. THERMOMETER—Window, solid cast bronze polished case, 11" long, 2 5/8" wide. Non-corrosive zinc scale. Range about 50° below to 120° F. above. Perma (red) color filled tube .....

4.00

6896. THERMOMETER—Wood frame, scale reading to 120° F., length 12 inches .....

.60

6898. Ditto—scale reading to 220° F., length 17 inches .....

1.75

6899. THERMOMETER—Bath, 12" long, white enamel frame with handle, nickel plated scale, range 30° to 150° F. ....

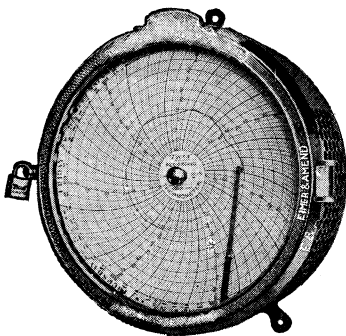
1.35

THERMOMETERS—Clinical, see Bacteriological Catalog, Section II.

6902/1. THERMOMETER—Recording Thermograph, fitted in gray metal case 7 day cylinder clock, 3 charts, namely + 20° to + 120° F., -10° to + 90° F. and 0° to 100° F., complete with year's supply of charts .....

54.00

- a. Chart—for above range -20° to + 120° F. ....set 3.50
- b. Ditto—range -10° to + 90° F. ....set 3.50
- c. Ditto—range 0° to 100° F. ....set 3.50



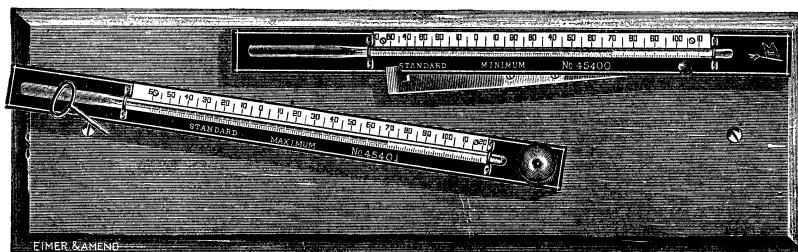
6904

6904. THERMOMETER—Recording, self-contained, quick acting, range + 10° to + 120° F. in 2/1°. Period of revolution 24 hours. The case is one piece of brass, finished in handsome weather resisting black, with bronze front ....

63.00

6905. Ditto—with chart calibrated from -20° to + 50° C. in 1/1°. Period of revolution 7 days .....

63.00



6914

6914. **THERMOMETER—Maximum and Minimum, Weather Bureau type**, with certificates; engraved plain-bore tubes, round bulbs, mounted on 12-inch aluminum scales, on which are marked the figures every 10 degrees and every five-degree line of the scale. Minimum tube filled with uncolored spirit. Brass insulating supports with binding screws, mahogany-finish board 17 inches by 5 inches. Each in a wooden box. Per set ..... **13.50**
6916. Ditto—The Maximum thermometer only, with insulating support; without board... **6.30**
6918. Ditto—The Minimum thermometer only, with insulating support; without board .... **6.30**
6922. **THERMOMETER—Maximum and Minimum, Six's, self-registering, best make**; black japanned tin case, black oxidized brass scale, white filled figures; with magnet. Scale range 10° to 40° below zero to 120° F. above; length 8 inches ..... **5.50**
6923. Ditto—in copper case ..... **6.00**
6924. **THERMOMETER**—like No. 6922, but 10 in. long ..... **6.00**
6925. Ditto—in copper case ..... **6.50**
- THERMOMETER**—for Coal Tar, etc., see Bituminous Materials Section.
- THERMOMETER**—Cathetometer for reading, see Nos. 1775 and 1775/1.
- THERMOMETER**—for Daniels' Adiabatic Jacket, see No. 1657/9.
- THERMOMETERS**—for Flash Point Testers, see Oil Testing Apparatus.
- THERMOMETER**—Freas Incubator 0° to 70° C. in ½°, stem 13½" long below graduation, see Bacteriological Catalog, Section II.
- THERMOMETER**—Freas Regular Oven, Engraved scale 0° to 200° C. in 1/1°, stem 12" below graduation, see No. 4816a.
- THERMOMETER**—Freas High Temp. Oven, similar to Regular except 0° to 300° C. in 1/1°, see No. 4818a.
- THERMOMETERS**—for Hortvet Cryoscope, see Nos. 4437/2 and 4437/3.
- THERMOMETERS**—with hydrometers, see Hydrometers.
- THERMOMETER**—for Juerst Ebullioscope, see No. 119a.
- THERMOMETER**—Plummets, see page 44.
- THERMOMETERS**—Refractometer, see pages 477–478.
- THERMOMETER**—Thelco Incubator, 0° to 50° C. in ½°. Milk glass scale, red line at 37½°, see Bacteriological Catalog, Section II.
- THERMOMETERS**—for Viscosimeters, see Oil Testing Apparatus and Viscosimeters.
- THERMO REGULATORS**—see Regulators.
- THISTLE TUBES**—see page 248.
- TIN BOXES**—see No. 1180.
- TINTOMETERS**—see pages 168–171.