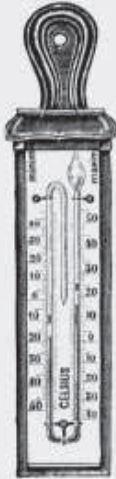


1981.



2030.



2033.



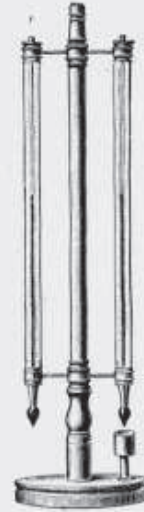
2070.



2016.



2076.



2084.

- 1981. **Leslie's cube**, of brass, the sides of 1 sq dm area, are polished, dull, white and black respectively \$ 2,25
- 1982. — on stand with heating chest and thermometer. » 4,00
- 2016. **Crooke's radiometer**. [Fig. 1/5 nat. size.] » 1,25

F. Meteorology.

- 2030. **Maximum and minimum thermometer. (Thermometrograph.)** [Fig. 1/3 nat. size] » 1,25

The minimum thermometer is filled with coloured alcohol, the maximum thermometer with mercury. The tube of the minimum thermometer contains a small glass index which as the liquid contracts is carried along by the capillarity of the liquid surface; it remains in its position as the liquid expands. The maximum thermometer does not contain a similar index but a small glass rod is fused into the bottom of the bulb and just protrudes into the capillary. The rod causes a partial separation between the mercury in the bulb and that in the capillary, but only when a lower temperature succeeds a higher one. In this case the mercury thread is broken and remains in the capillary as long as the thermometer is in the horizontal position.

- 2033. **Six's Thermometrograph**, with inclosed steel indices, which are set by means of a magnet. [Fig. 1/5 nat. size.] » 1,50

The middle part which is filled with alcohol ($\alpha = 0,00104$) serves as the thermometer bulb, the capillary beginning at the upper Ω -shaped portion. As the mercury also expands or contracts ($\alpha = 0,00018$) the divisions on the right hand scale are somewhat larger than those on the left. The limb on the right is filled with alcohol above the mercury so that the index registering the maximum may adhere.

- 2076. **Daniell's hygrometer**. (W. & Eb. Phys. Prakt. Fig. 101, p. 173.) [Fig. 1/7 nat. size]. . . » 2,50
- 2084. **August's psychrometer**, on wooden stand, with two enclosed thermometers, reading in 1/5. [Fig. 1/10 nat. size.] » 5,00