Precision aneroid barometer FISCHER



Aneroid barometer for measurement of the absolute atmospheric pressure. Precision movement with self-stable set of five aneroid capsules made of a copper-beryllium alloy.

Measuring range 890 to 1050 hPa

Accuracy ± 0.7 hPa

Graduation 0.5 hPa

The aneroid capsules are nearly free of age-hardening, hysteresis and elastic after-effects. The influence of temperature on the set of aneroid capsules and the transmission system is compensated by a bimetal over the whole measuring range and for temperatures between -30 to +40 °C (-22 ... 104 °F). The motion of the aneroid capsule is transmitted to the axle of the pointer by driving a segment and wheel with an excellent fine finish of the gearing. All bearings have an excellent fine finish. The Instruments have only got a minimum of idle friction because of the advantageous shape of the levers and bearings.

Case in polished or chromed brass, diameter 165 mm.