

Barometer Thermometer



Precise air pressure and temperature measuring instruments for air density correction of ion chamber readings

Features

- ▶ The barometers provide precise measurement of absolute air pressure in hPa
- ▶ Official calibrations traceable to primary standards are optionally available for barometers and thermometer

The precision barometers and the thermometer are used to determine air density correction factors for absolute dosimetry.

The precision barometers are calibrated against sea level.

The temperature-compensated barometers have a circular analogue scale with 115 mm diameter. The scale resolution is 0.5 hPa. The metal housing is supplied with a flange for wall mounting.

The analogue precision thermometer is a mercury thermometer with a glass capillary. The measuring range is from 0 to 50 °C, and the scale resolution is 0.2 °C.

The digital combined barometer and thermometer device is equipped with an RS 232 interface for data transfer to a PC.

Ordering Information

L991133 Precision barometer (870 ... 1050) hPa

L991237 Precision barometer (870 ... 1050) hPa
with German calibration

L991134 Precision barometer (760 ... 950) hPa

L991238 Precision barometer (760 ... 950) hPa
with German calibration

L991361 Precision barometer (750 ... 1100) hPa and
thermometer (-20 ... 50) °C, digital with RS232

L654004 Precision thermometer (0 ... 50) °C

L654003 Precision thermometer (0 ... 50) °C,
officially calibrated