



Special features:

- Easy and simple to operate
- Accurate results
- Speedy repetition of operation
- Unaffected by corrosive atmospheres
- No problems with dusty atmospheres
- Robust construction

Dewpoint measuring instrument Dewchecker 1.0

Technical Data:

Construction:

Transportable Instrument
(sheet-steel housing)

Dimensions:

330 x 310 x 240 mm (w x h x d)

Power supply:

115 or 230 Vac \pm 10 % / 50 - 60 Hz

Weight:

approx. 20 kg

Operation range:

-20 to +20 °C

Application:

Dewpoint measurement of gases

Operating principles:

A sample of the gas to be measured is drawn into the measuring chamber. The surface of a mirror in the chamber is cooled using a thermo-electric cooling element until condensation occurs. This is readily and accurately observed since the mirror is constructed to have the dew form a pattern rather than overall. The temperature of the cooler part of the mirror is continuously indicated and the dewpoint can be read as soon as the dew pattern appears.

