

# Portable Dew Point Meter DP300

## SPECIFICATION SHEET

### Relative humidity, temperature and dew point measurement with one instrument

Measuring moisture or dew point is intended to identify contamination of the pipeline system by water. MEC is able to provide a portable dew-point monitoring device ensuring quality at the point of drying and patient administration. The HTM 02-01 stipulates that an electronic dew-point meter should be used in preference to water content measurements.

The DP300 provides you with relative humidity, temperature and dew-point in one small hand-held device. This low-cost device measures quickly and reliably for up to 15 hours thanks to the internal rechargeable battery.



DP300

### Features

- Small hand-held design
- Quick and easy to use
- Large measuring range to -80 °Ctd for all dryers (adsorption, membrane, refrigeration dryers)

### Applications

- Hospital pipeline gases
- Medical and surgical air
- Medical Laboratories
- Pathology Laboratories.

### Specification

Display single line:	Dew point (°Ctd resp. °F) relative humidity (% RH) temperature (°C resp. °F) freely selectable
Display functions:	Max, Min, state of battery
Measuring range:	-80...50°Ctd -20...70°C 0 to 100 % RH
Pressure range:	-1 to 50 bar standard -1 to 350 bar high-pressure version
PC connection:	SDI interface
Accuracy:	± 0,5°Ctd at -10...50°Ctd typical ± 2°Ctd at -40°Ctd
Power supply:	Internal rechargeable batteries (4 x 1,5 NiMh AAA) for approximately 15 hours continuous operation
Operating temp:	-20...70°C
EMC:	DIN EN 61326
Screw-in thread:	G 1/2" stainless steel
Housing:	Polycarbonate
Weight:	?Kg
Height:	?cm
Length:	?cm
Width:	?cm



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