

PRO-CHEM ANALYTIK

Portable moisture measurement DEW-P

measurement for traces range

This Model was made for fast, accurate and economic measurement of Humidity at trace levels.

A simple operating and a large LCD-display allow easy and fast start-up of the instrument.

The Unit is measuring Humidity between -100°C and + 20°C Dew Point or ppmv Display.



☺ Measuring range

The user get a range of -100°C to +20°C DP
Other ranges options.

☺ Data outputs

For the moisture concentration there is a 4-20 mA output standard available.

☺ Sensor with long operating life

The LDT-Sensor uses a high capacity nano pure Technology.

☺ Calibration

The calibration of the instrument for trace humidity measurements in gas should be done with a calibration gas and a reference devices.

☺ Benefits

- Compact economic instrument
- Sensor with long operating life.
- No range switching required
- optional with gas sampling pump or flow meter
- rechargeable Battery

☺ Flow-through measuring cell in Stainless Steel

- The measuring cell is modular and is made of stainless steel
- A defective measuring cell can be repaired by replacing the defective part only, rather than the complete unit



Specification

Measuring range : -110 to +20°C Dew Point
or
0 – 23.000 ppmv
Other ranges options

Calibration : 1 year recommend

Accuracy : +/- 2% FSD (T= const.)

Resolution : 0,1 ppm or 0,1 %

Response time : 90 % of FSC at 25°C
0-10 ppm < 45 s

Operating Temp. : -40°C - + 70°C

Pressure : 0,1 - 345 bar

Outputs : 4 -20 mA/DC

Display : backlight display

Power : 85 - 230 VAC, 44/60 Hz
battery powered

Expected sensor life : up to 2 years

Size : 480 x 380 x 260 mm
(W x H x D)
13,78 x 11,81 x 3,94 in.
(W x H x D)

Weight : 1,5 -2 kg

Typical

- Variety of sensors available or can be used
- Output signal: 4-20 mA for O₂
- Data tracking,option
- SS316 measuring cell
- universal Power supply for charging
85 - 230 VAC 50 - 60 Hz
- battery powered

Applications are found in

- Semi conductor industry
- Gas manufacturers
- Metallurgical industries
- Chemical industry

back side:



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