

3-037-R001V1

Electronic moisture measuring device with dew point indication

For determination of moisture

Moisture is the most important criteria for the determination of the gas quality. This device has been designed specially for SF₆ moisture measurements. It also shows a higher resistance against contamination and SF₆ decomposition products than conventional moisture sensors and even minimises the usual long-time drifting.

The integrated electronic flow meter supports the minimisation of the gas sample quantity and works independently of its position which is the optimum for gas sampling from circuit breakers. Pressure and temperature influences on the measuring result can be excluded. It is a reliable and indispensable instrument.



Standard version

- moisture measuring device with digital display
- 2 precise regulating valves and electronic flowmeter
- operation: mains-operated or by NiMH batteries (battery charger is integrated)
- 2 m long connecting hose with couplings DN8 and DN20
- robust housing with handle for placing and transportation
- 2 m long connecting cable with mains plug
- transport case
- operating manual

Advantages & functions

- indication in °C dew point, quick conversion into ppm values
- measurement is possible under atmospheric or plant pressure
- mains operation or operation by NiMH accumulators

Technical data

Inlet pressure pe	0.5 - 10 bar
Weight	2.8 kg
Dimensions (W x H x D)	210 x 85 x 250 mm without handle
Operating temperature	-10 to +50 °C
Operating voltage	100 - 240 V
Measuring principle	Electronic dew point measurement (capacitive)
Measuring accuracy in measuring range	± 2 % (from -40 to +20)
Ambient moisture	90 % relative moisture non condensing during operation
Measuring range of moisture sensor	-60 to +20 °C Dew point
Frequency	50 - 60 Hz

Optional accessories

B151R95	Discharge gas collecting bag
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