

Devices for determination of the SF₆ gas quality

For determination of moisture

3-037-R001

Electronic moisture measuring device with dew point indication

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 breaker. Pressure and temperature influences on the measuring result can be excluded. It is a reliable instrument which is indispensable.



- 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

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Technical data:

Dimensions (without handle): W 210 mm, H 85 mm, D 250 mm
Dimensions (transport case): W 360 mm, H 290 mm, D 165 mm
Weight: 2.8 kg
Measuring principle: Electronic moisture measurement (capacitive)
Measuring range: -70 to +20 °C dew point
Measuring accuracy: ± 2 °C (from -40 to +20 °C), ± 4 °C (from -60 to -40 °C)
Input pressure: p_g 0.5 - 10 bar
Operating temperature: 0 - 50 °C
Ambient moisture: up to 90 % relative moisture, non condensing during operation
Operating voltage: 100 - 240 V / 50 - 60 Hz

Standard equipment:

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
Black plastic transport case
1 operating manual (multilingual) on CD-ROM

Optional accessories at an extra charge:

Discharge gas collecting bag (for emission-free measurement)	B151R95
Additional operating manual on CD-ROM	6-0004-R213

Packing:

Packing for 3-037-R001	05-1990-R004
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