

☐ **3-037-R001 Electronic moisture measuring device**
with dew point indication

Dimensions: (without handle)

Width: 210 mm
Height: 85 mm
Depth: 250 mm
Weight: 2.8 kg

Transport case

outside dimensions:

Width: 360 mm
Height: 290 mm
Depth: 165 mm

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 meter long connecting hose with couplings DN8 and DN20
- robust housing with handle for placing and transportation
- 2 meter long connecting cable with mains plug
- black plastic transport case

2 operating instructions in: () German () English () French

Description:

The 3-037-R001 measuring device has been designed to show a higher resistance against contamination and SF₆ decomposition products than conventional moisture sensors (aluminium oxide). For this reason the device does not only measure with more precision and reliability but even minimizes the usually long time drifting which occurs with non-gas specified sensors.

The special moisture sensor allows the measurement of SF₆ under atmospheric as well as under plant pressure. Pressure and temperature influences on the measuring result can be excluded. The installed electronic flowmeter supports the minimization of the gas test quantity and works independently of the position, which is the optimum for gas sampling from switchgear. The values are indicated in °C dew point which can be quickly converted into ppm values.

Technical data:

measuring range:	-60 - +10 °C dew point
measuring accuracy:	± 2 °C
input pressure:	p _e 0.5 – 10 bar
operating temperature:	0 - 40 °C
ambient moisture:	up to 90 % relative moisture, non condensing during operation
operating voltage:	100 – 240 V 50/60 Hz

Accessories:

☐ packing for 3-037-R001 with transport case

3-775-R026-C

