

RA912F Portable SF6 Multi Analyzer

Gas Analyzer for determining the quality of SF6 gas

RA912F allows the determination of up to 6 quality parameters with only one measurement.

- SF6 concentration (%)
- Moisture concentration (Dew Point)
- SO2 concentration (ppmv)
- CO concentration (ppmv)
- H2S concentration (ppmv)
- Option: HF concentration (ppmv)



Features

- Thermal conductivity measuring SF6 purity of principle.
- Unique patented drying protection device.
- TFT touchscreen
- Built-in printer

Technical data:

Dimensions : L 406 mm, W 538 mm, H 269 mm
Weight : 15 kg
Operating temperature : -20 °C to +50 °C
Ambient moisture : 15% up to 90 % relative moisture, non condensing during operation
Operating voltage : 100-240 VAC, 50/60Hz
Number of measured values to be stored : 500 Max

Standard equipment:

Aluminum alloy instrument box, 6 m long connecting hose with DN8 and DN20 couplings, 2 m long DC charger cable
Operating manual

Sensor data:

	PURITY	MOISTURE	SO2	H2S	CO	HF option
Measuring principle	Thermal conductivity	Capacitive	Electrochemical reaction	Electrochemical reaction	Electrochemical reaction	Electrochemical reaction
Measuring range	0 - 100 vol.%	-60 to +20 °C	0 to 100 ppm 0 to 10 ppm 0 to 2000ppm	0 to 100 ppm	0 to 500 ppm	0 to 10 ppm
Measuring accuracy	±2 %(F.S)	±2 °C	±2 %(F.S)	±2 %(F.S)	±2 %(F.S)	±10 %(F.S)
Reaction time	< 30 s	< 3 min	< 60 s	< 60 s	< 60 s	< 60 s
Recommended calibration interval	every 2 years	every 2 years	every 2 years Lifetime	every 2 years Lifetime	every 2 years Lifetime	every 2 years Lifetime