



Rapidox SF6 6100 Portable Gas Analyser

The Rapidox SF6 6100 Portable is designed for controlling and monitoring the quality of SF6 in MV & HV gas insulated electrical equipment. Exceptional accuracy and stability are provided when measuring the purity of SF6 gas, through specially selected sensors. A gas output nozzle allows for the analyser to be attached to the Rapidox Gas Recovery Bag, ensuring that all sampled SF6 gas is recovered.

Internal SF6 gas pressure is recorded and logged by the analyser. All measured gases are analysed and data-logged simultaneously with only a few minutes required to achieve a stable reading. In order to accelerate the time taken in-between dew point readings, a unique Rapidri system is fitted to analysers measuring H2O. When not in use the sensor can be isolated via the 'Run – Storage' valve.

Other measurable gases include H2O (dew point), SO2, HF, O2 & CF4. Due to the instruments modular design, a number of configurations are available in order to suit a variety of application requirements.

Technical Specifications

Specifications

Measurement Time	User specified - 4, 6 or 8 minutes
Gas Flow Rate	100-1,000ml .min-1
Pressure Range	0.3 - 35 Bar; displayed on screen
Max Inlet Pressure	35 Bar gauge
Display	7" full-colour LCD touch screen with soft menu keys
Coupling	RAGON DN08 & DN20 with Rectus Type
Sensor	SF6, Air/N2,H2O,SO2,HF,CF4,H2S,CO Customizable sensor options available.
Printer	Integrated thermal printer
Ambient Operating Conditions	-10°C to +40°C, 10-90%RH
Data Storage	8 GB internal data storage
Warm-up Time	3-4 minutes initial warm up.
Battery Life	Up to 8 hours. 2-4-hour charge
Power Voltage (Charging)	90-260 VAC, 50/60 Hz
Pump Back	Without
Analyser Dimensions	180mm(H) x 480mm(W) x 360mm(D)
Weight	8.5kg (Total instrument and case)