Rapidox SF_6 6100 Pump Back

Automatic Multigas Analyser

Applications

- Controlling SF_6 quality in MV & HV gas insulated electrical equipment, such as circuit breakers
- Checking for the build up of corrosive decomposition products present in SF_6 gas
- Applying a condition based maintenance program (CBM) in order to extend the life cycle of the SF_6 gas
- Detecting the presence of leaks and SF_6 discharge

Technical Data: Analyser

Operating temperature	-20°C to 55°C
Warm up time	3-4 minutes at 20°C
Voltage (charging)	90-260VAC, 50/60Hz
Data output	Excel compatible data via USB memory stick. 4GB internal data storage allowing for approximately 1 year of continuous monitoring
Sample connections	Rectus fitting
Gas sampling	Up to 5 samples taken before internal reservoir is full
Compressor	Up to 10 bar with up to 25 cycles per battery charge
Pressure range	3-10 bar; displayed on-screen
Display	7” (18cm) full colour LCD display with touch screen operation
Analyser dimensions	L:560mm x W:450mm x D:270mm
Weight	17 kg (Total instrument and case without accessories)
Battery	2 Li-ion batteries in excess of 8 hours with 4-6 hour charge time
Printer	Integrated thermal printer

Technical Data: Gas Analysis

SF_6 - Sulphur Hexafluoride	0-100% ±0.5% full scale accuracy
H_2O - Dew Point	-60°C to +20°Cdp ±2°Cdp accuracy of reading
SO_2 - Sulphur Dioxide	0-100ppm or 0-500ppm ±2% full scale reading
HF - Hydrogen Fluoride	0-10ppm 1ppm accuracy
CF_4 - Tetrafluoromethane	0-60% ±1% full scale reading
O_2 - Oxygen	0-100% ±1% full scale reading
Measurement time	3-5 minutes fully automatic

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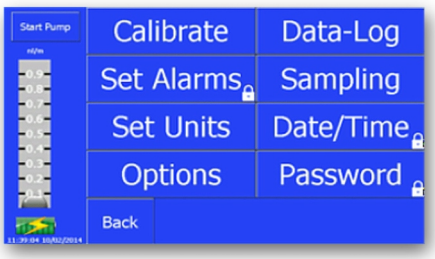
Integrated printer

Main menu screen



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Due to continuous product development, necessary changes to specifications may be made without prior notice. Issue no: 2.1