



The DILO 3-038-R032 Multi-Analyzer is a modular device which can be configured to test for moisture, decomposition and purity of SF6. The device contains a data logger, and all necessary hardware to make a physical connection to gas insulated equipment.

When testing, the operator simply makes a connection to equipment and with the push of a button receives values for moisture, decomposition, and purity. All measured values are stored on internal flash memory which can later be downloaded to a PC.

A gas outlet connection on the back of the device allows for recovery of all exhausted gas – ensuring 100% emission free testing*.

*requires the use of ADRB1

KEY FEATURES

- Compact, lightweight
- Low maintenance
- Cost-effective
- Integrated data logger
- No consumables
- Highly sensitive
- Fast test results, typically <7 minutes total
- AC or battery power (7 hours)
- 2-year calibration interval
- Easy calibration via sensor module exchange

TECHNICAL SPECIFICATIONS

Input pressure:	7PSI to 150 PSI
Display:	3.5" LCD, monochrome
Power supply:	Lithium Ion rechargeable batteries (7 hour) 100-265 VAC
Operating temp:	32°F to 122°F

PURITY:

Measuring range:	0-100% SF6 by volume
Display:	Volume percentage (%)
Accuracy:	± 1% w/SF6, ± 2% w/CF4
Flow rate:	0.3 liters per hour
Response time:	<15 seconds

MOISTURE:

Measuring range:	20 PPMv to 10,000 PPMv
Display:	°C dew point, PPMv and PPMm
Accuracy:	40 – 10,000 PPMv: ± 2°C, < 40 PPMv: ± 3°C
Flow rate:	16 liters per hour
Response time:	<6 minutes

DECOMPOSITION:

Measuring range:	0-500 PPMv SO2
Display:	PPMv
Accuracy:Resolution:Response time:Flow rate:	± 2% of measured value 1 PPMv, temperature compensated <20 seconds

3 liters per hour

DIMENSIONS:

Width: 11.0 inches

Height: 7.25 inches

Depth: 17.0 inches

Weight: 21 pounds