



Zero-Emission SF₆ Gas Analyzer

3-038R-R... V0

SF₆ Multi-Analyzer with built-in recovery system

This device allows users to determine whether SF₆ contaminant levels exceed the value established by equipment manufacturers and/or national standards organizations (Cigre, IEEE, IEC, etc.).

DILLO's latest SF₆-Multi-Analyzer model continues to drive innovation by taking the original world-leading design and adding even more convenience while remaining Emission-Free! First, the all-new battery power supply allows users to operate in more remote and/or less power accessible areas. Add to this smaller dimensions and lighter overall weight and you'll now have greater ease in handling than ever before! Lastly, we've added the ability to change sensors in the field, so service down time is minimized to minutes!

- Intuitive 7" color touch panel interface
- Battery or plug power supply
- Compact & lightweight
- Inlet pressures up to 500 psig (no need for external regulators!)
- Zero-Emission gas testing principle
- Field-replaceable sensors
- Data storage for up to 500 tests
- USB & LAN connections for data transfer to Excel® spreadsheet
- Integrated calibration warning system
- Sensor Controlled Testing (SCT) (reduces test durations!)



Technical data:

Weight & Dimensions: 55 lbs. / L 16", W 21", H 10.5"
Input pressure: 4 – 507 psig (p _e 0.3 - 35 bar)
Operating temperature: 14 °F to 122 °F
Operating voltage: 100-240 VAC, 50/60Hz or battery operation

Sensor data:

	Vol. %	Moisture	SO ₂
Measuring principle	Velocity of sound	Dry out method (capacitive)	Electrochemical reaction
Measuring range	0 - 100 vol.-%	-60 to +20 °C	0 - 500 ppm _v
Measuring accuracy	±0.5 vol.-%	±2 °C (at > -40 °C) ±3 °C (at < -40 °C)	< ±2 % of measuring range
Reaction time	< 1 min	< 1 min	< 20 s

Purity options:

An alternative purity sensor is available for SF₆/CF₄ gas mixtures (measuring accuracy: ±2.0 vol. -%). **3-038R-R313V0** option.

Optional accessories:

In-Line compressor for low pressure environments (pressures < 5 psig)	3-826-R004
Analyzer Discharge Recovery Bag	ADRB1
Analyzer adapter kit	Adapter Kit Analyzer
20 ft. (6m) long connecting hose with self-closing couplings (extension hose)	3-531-R060
Refilling device with analyzer quick-disconnect fitting	3-393-R068
Long term maintenance program	D-916-R...

Subject to change without notice.
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