

THE UNIT THAT TESTS BREATHING AIR QUALITY AND DUST LEVELS IN AIR DISTRIBUTION SYSTEMS.

The VAR 18 test unit has been designed to analyse the quality of breathing air distribution systems used in industrial settings such as nuclear power plants and environments with specific requirements, such as hospitals.

Integrated into a wheeled case, the VAR 18 test unit can continuously monitor the following:

- CO / CO₂ / O₂
- Water vapour
- Oil vapours
- Dust particles

The adjustable settings are pre-set to standard NF EN 12021.

This robust device is fitted with pressure and flow regulators so accurate measurements can be taken without loss of performance over time.

The colour touchscreen and the supplied software make it possible to display and extract readings and trend lines, and a record is kept of each measurement.

TECHNICAL DATA

Power supply	90-240 V, 50-60 Hz/1A
Relay	24V CC
Calibration	Touchscreen
Serial interface	RS 232C, RS 485
Available options	Can, Ethernet, Profibus
Communication port	Print series, Modbus, Modem
Operating temperature	+41°F to +113°F (+5 to +45°C)
Storage temperature	-4°F to +122°F (-20 to +50°C)
Size	18 x 15 x 20 in. (45 x 38 x 50 cm)
Weight	31,9 lbs (14 kg)
Protection class	IP66

OTHER OPTIONS:

- Up to five sensors or additional sensors
- NO, NO₂, H₂S, NH₃ and SO₂ sensors
- Temperature, pressure and dust sensors



SENSOR SPECIFICATIONS

	CO	CO ₂	O ₂	Hygrometry	Oil vapor
Sensor Type	Electro chemical	Electro chemical	Electro chemical	Polymers	Ionization lamp
Lifetime	> 3ans	> 5ans	> 2ans	> 3ans	1 an
Warranty	2 years	2 years	2 years	2 years	1 an
Measuring range	100 ppm	3,000 ppm	25 vol %	+68°F to -4°F (+20 to -20°C)	0-20 ppm (4mg/m3)
Resolution	1%	1%	1%	36°F (2°C)	5 ppb
Linearity	1%	1%	1%	linearity	linearity
Response time (T90)	35s	5s	12s	180s	5s

ERGONOMIC SCREEN

