

VAR 18



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.

- CO / CO, / O,
- 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/IA
	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





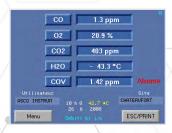
SENSOR SPECIFICATIONS

		со	CO ₂	O ₂	Hygrometry	Oil vapor
	Sensor Type	Electro chemical	Electro chemical	Electro chemical	Polymers	lonization 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
1	Response time (T90)	35s	5s	12s	180s	5s

ERGONOMIC SCREEN



Cellule CO	-999.9 ррн	99999	99999
Cellule 02	-99.9 Z	99999	99999
Cellule CO2	-9999 ррм	99999	99999
Cellule HY	-999.9 *C	99999	99999
Huile	-99.99 ppm	99999	99999
tetour	Config p	ar defaut	Suite



30	1311	1047	-0,6281407	498,1132	21,38365	55	Alame CO2
31	1311	1048	-0,6281407	494,3397	21,32076	- 55	Fin Alarme 002
32	1311	1048	-0,6281407	494,3397	21,32076	55	Fin Alarme 02
33	0	0	0	0	0	0	
34	1311	1048	-0,3768844	520,7548	22,2327	56	Fin Alarme Débit
35	0	0	0	0	0	0	
36	1311	1048	-0,6281407	498,1132	21,47799	12	Alame débit
37	1311	1049	-0,3768844	524,5283	22,38994	56	Fin Alarme Débit
38	1311	1049	-0,879397	494,3397	21,50943	55	Fin Alarme 002
39	1311	1139	0,1256281	520,7548	21,04289	59	Alame CO2
40	1311	1143	0,2512563	509,434	20,79605	58	Fin Alame Débit
41	1311	1146	-24,87437	520,7548	21,04289	57	Défaut CO
42	1311	1147	-5,653266	524,5283	21,04289	56	Fin délaut