



THE UNIT THAT TESTS BREATHING AIR QUALITY IN AIR DISTRIBUTION SYSTEMS.

The MicroVAR 350 unit has been specially designed to analyse air quality as per standard **NF-EN 12021**. Integrated into a wheeled Pelicase-type unit with IP66 protection or supplied in a box, this is the perfect tool for your site inspections.

The device continuously measures concentrations of CO, CO₂ and O₂.

The colour touchscreen displays the readings and trend lines for each measurement. An SD card logs the data in Excel format.

Electrical outputs make it possible to control remote alarms.



TECHNICAL DATA

Power supply	230V ±15% or battery
Power consumption	1A/220V
Pressure	2-10 bars
Flow rate	30l/h
Cable inlet	4 x 6 mm
Operating temperature	+41°F to +113°F (+5 to +45°C)
Storage temperature	-4°F to +122°F (-20 to +50°C)
Housing	ABS (case), metal (cabinet)
Size	18 x 15 x 20 in. (45 x 38 x 50 cm)
Weight	26.5 lbs (12kg)
Protection class	IP66

ERGONOMIC SCREEN



SENSOR SPECIFICATIONS

	CO	CO ₂	O ₂	Hygrometry	Oil vapor
Sensor Type	Electro chemical	Infrared	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



NO	DATE	UTILISATEUR	CO	CO2	O2	HY	HUILE	ALARME
01	1311	1047	-0.6201407	498.1120	21.30365	55		Alarme CO2
02	1311	1048	-0.6201407	494.3397	21.20076	55		Fin Alarme CO2
03	1311	1048	-0.6201407	494.3397	21.20076	55		Fin Alarme O2
04	1311	1048	-0.3782044	520.7548	22.2327	56		Fin Alarme Debit
05	1311	1048	-0.6201407	498.1120	21.47739	12		Alarme deb
06	1311	1048	-0.3782044	524.5303	21.93894	56		Fin Alarme Debit
07	1311	1048	-0.3782044	524.5303	21.93894	55		Fin Alarme CO2
08	1311	1048	-0.3782044	524.5303	21.93894	55		Alarme CO2
09	1311	1143	0.2512563	503.624	20.79085	58		Fin Alarme Debit
10	1311	1146	-24.87437	500.7548	21.04289	57		Defaut CO
11	1311	1147	5.653236	524.5303	21.04289	56		Fin Debut

OTHER OPTIONS

- Water vapour
- Oil vapours/VOCs
- A pressure sensor integrated into the device to indicate the pressure of the air distribution system
- A battery with a runtime of eight hours
- A printer to issue analysis tickets