

THE UNIT THAT TESTS BREATHING AIR QUALITY DURING ASBESTOS REMOVAL.

The HORA 130 area monitor has been specially designed to monitor air quality for mobile teams and on worksites as per the **ETST 1309168A order of 8 April 2013**.

The device continuously measures concentrations of CO, CO₂, O₂, water vapour, oil vapour and VOCs.

A programming algorithm continuously ensures that the sensors and the connected alarms are working properly.

An integrated SD card and a comms port can be used to extract the readings taken.

The electrical and pneumatic outputs can be used to manage remote alarms.



TECHNICAL DATA

Power supply	230V ±15% or battery
Power consumption	1A
Pressure	2-10 bars
Flow rate	30l/h
Cable inlet	4 x 8 mm
Operating temperature	+14°F to +113°F (-10 to +45°C) with heating option
Storage temperature	-4°F to +122°F (-20 to +50°C)
Humidity	95% RH, non condensing
Housing	Rubber
Size	14.5 x 11.8 x 5.1 in. (37 x 30 x 13 cm)
Weight	26.5 lbs (12kg)
Protection class	IP54

ERGONOMIC SCREEN



30	1311	1047	-0.6281407	498.1132	21.39365	55	Alarme CO2
31	1311	1048	-0.6281407	494.3397	21.32076	55	Fin Alarme CO2
32	1311	1048	-0.6281407	494.3397	21.32076	55	Fin Alarme CO2
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	Alarme 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 CO2
39	1311	1139	0.1256281	520.7548	21.04289	59	Alarme CO2
40	1311	1143	0.2512563	509.434	20.79605	58	Fin Alarme Débit
41	1311	1146	-24.87437	520.7548	21.04289	57	Défaut CO
42	1311	1147	-5.653266	524.5283	21.04289	56	Fin défaut

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

OTHER OPTIONS

- Heating, ensuring the area monitor can be used at temperatures as low as -10°C
- AL12 redundant alarm transfer unit