

Continuous monitor for THC Model HORIBA APHA-370



Type approval: No existing type approval procedure and / or guideline or regulation for THC analyzer, neither from the US (EPA) nor from the European community!

Technical Data

Principle	Flame ionization detection method (FID) with selective-combustion
Application	THC, NMHC and CH ₄ -measurement in ambient air
Ranges	0 -5 / 10 / 20 / 50 ppm
Optional (measurable) ranges	4 ranges selectable from 0 – 100 ppm, within 10 times range ratio
Ranging	Manual, automatic or remote controlled
Lower detectable limit	0,022 ppm (3 sigma)
Repeatability	± 1,0 % F.S
Linearity	± 1,0 % F.S.
Zero Drift	< LDL/day at lowest range < 0,05 ppmC/week at lowest range
Span Drift	< LDL/day at lowest range ± 0,5 % F.S./week
Sample gas flow rate	Approx. 0,9 l/min
Response Time T ₍₉₀₎	Within 60 s at lowest range
Display	LCD Display with touch screen ppm/ppb or µg/µg
Language	English, French, Japanese, German
Output signal	RS-232 interface with German network protocol
Compensation	Pressure and temperature

Alarm messages	Power off Flow alarm Pressure alarm Calibration error alarm Catalyzer temperature Battery alarm
Ambient temperature	5 – 40 °C
Power	100/110/115/120/220/230/240 VAC, 50/60 Hz, to be specified
Dimension	Width 430 mm (19") Height 221 mm (5 HU) Depth 550 mm
Housing	19" case with telescopic rails and brackets
Weight	Approximately 33 kg
Valves for supplying zero and span gas	Solenoid valves can be installed for supplying <ul style="list-style-type: none">• zero gas from central zero gas generator controlled by external Zero/Span check unit• span gas from gas generator controlled by external Zero/Span check unit