

Portable Mercury Monitor

Model: HG-80-GPS

Specifications

Light Source:	Low-pressure mercury discharge lamp
Process:	Cold Vapor Absorption Spectrometry (CVAAS)
Detector:	Semiconductor detector with a 254 nm band-pass filter
Detection Limit:	0.1 µg/Nm ³ (Normal)
Measurement Range:	0-2000 µg/Nm ³
Flow Rate:	1 L/m
Accuracy:	RSD 3% 2 µg/Nm ³ or higher without any option
Correction:	Automatic Zero Correction
Resolution:	Benchtop Mode: 0.1 µg/Nm ³ (~999.9) Mobile Mode: 1 µg/Nm ³
Display:	4.3 inch color LCD, Touchscreen
Onscreen Data:	Values: Instant, average, maximum, trend graph (for specified time scale), level gauge (linked with alarm setting)
Data Logging:	CSV files or internal 4GB memory (up to 20,000 hours)
Data Download:	USB port
Alarm:	Audible / Visual (User settable)
Other Functions:	Temperature and pressure compensation, GPS recording
Power:	Rechargeable battery (5.5 hours continuous operation)
Environment:	Temperature: 32° – 113° F (0°-45° C); RH: 10-80% (No dew condensation)
Dimensions:	8" W x 4.5" D x 5" H (207mm W x 115mm D x 140mm H)
Weight with Battery:	3 lbs; (1.6kg)
Standard:	Probe, probe filter (x1), battery (x1), battery charger, shoulder/waist belt, USB Flash drive
Options:	Carrying case AQUA Kit for reducing vaporization measurement includes software Hi-Lutor for high concentration measurement: 0-20,000 µg/Nm ³ Probe expandable: 9" to 31.5" (250mm to 800mm) CK: Calibration Kit Case Color: Green, Blue, Orange



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