

Atomic Absorption Spectrophotometers

Get rapid, simple readings

- High throughput with stable optical system
- Easily identify over 60 elements with library of methods
- Accurately adjust all parameters—lamp and burner alignments, gas flows, light output levels, and operational analysis modes
- Bandpass resolutions from 20Å to 2Å

What's included: air/acetylene burner, methods library, basic firmware package, and a 6-ft (1.8-m) power cord with three-prong plug.



Standard Microprocessor Spectrophotometer

The combination of the stable beam optical system and a higher sensitivity allows for fast and accurate analysis. Increased burner sensitivity makes it ideal for testing far-UV elements, such as arsenic and selenium. Units feature on-board graphics firmware for method selection, setup, calibration, analysis, and sample tracking.

Advanced Microprocessor Spectrophotometer

These models have all of the features of the standard unit plus three-lamp turret for easy change between elements, expanded firmware capabilities, built-in deuterium and self reversal background correction. Models are compatible with data acquisition software and can be upgraded to graphite furnace and autosampler.

Type/model	Standard	Advanced	
Catalog number	GH-28750-35	GH-28750-10	GH-28750-15
Bandwidth	0.2, 0.7, or 2.0 nm (selectable)		
Wavelength range	190 to 900 nm		
Wavelength accuracy	±0.2 nm		
Wavelength reproducibility	±0.1 nm		
Optics	250-mm Ebert-mount diffraction grating monochromator		
Burner	Titanium head for air/acetylene		
Hollow cathode lamp	Triple HCl power, 0 to 75 mA; to 750 mA in giant poise mode		
Background correction	— Included		
Output	RS-232 and 0 to 1 VDC		
Power (50/60 Hz)	100 to 240 VAC	115 VAC	220 VAC
Price			

Horiba Oil Content Analyzer

Accurate results with the touch of a button

- Easy to use:
 - Extract sample with S-316 solvent
 - Transfer oil/solvent solution to analyzer for measurement
- Accurate measurements to 0.1ppm
- Maintain accuracy with auto-calibration after initial standard reading
- Get data on LCD or transfer to computer via RS-232 for further analysis

What's included: quartz cell with cap, power cord, B-heavy oil (standard), 2-amp fuse, 10-mL syringe, and 25- μ L syringe.



ISO 9001:2008
CERTIFIED SUPPLIER

Specifications

Display mode	Measurement capability		
	Range	Resolution	Repeatability
Full scale	0 to 9.9	0.1	±0.4
	10 to 99.9	0.1	±0.2
	100 to 200	1	±4
0 to 200 mg/L	0 to 9.99	0.01	—
	10 to 99.9	0.1	—
	100 to 1000	1	—
0 to 1000 mg/kg	0 to 9.99	0.01	—
	10 to 99.9	0.1	—
	100 to 1000	1	—
0 to 1 Absorbance	0 to 1000	0.001	±1% full-scale

Power	115 VAC, 60 Hz	230 VAC, 50 Hz
Catalog number	GH-82900-00	GH-82900-05
Cell	Quartz, 200 mm path length	
Detector	Pyroelectric sensor	
Solvent	S-316, approx. 6.7 mL/test	
Output	RS-232 and centronics printer port	
Power	115 VAC, 60 Hz	230 VAC, 50 Hz
Price		

[GH-82900-10](#) Solvent extractant S-316, 1.5 kg

[GH-82900-20](#) Solvent reclaimer SR-300