



Cuvette Adapters



General Specifications

HI801 iris®

Wavelength Range	340 to 900 nm
Wavelength Resolution	1 nm
Wavelength Accuracy	±1.5 nm
Photometric Range	0.000 to 3.000 Abs
Photometric Accuracy	5 mAbs at 0.000 to 0.500 Abs, 1 % at 0.500 to 3.000 Abs
Measurement Mode	transmittance (%), absorbance and concentration
Sample Cell	10 mm square, 50 mm rectangular, 16 mm round, 22 mm round, 13 mm round (vial)
Wavelength Selection	automatic, based on the selected method (editable for user methods only)
Light Source	tungsten halogen lamp
Optical System	split beam
Wavelength Calibration	internal, automatic at power-on with visual feedback
Stray Light	<0.1 % T at 340 nm with NaNO ₂
Spectral Bandwidth	5 nm
Number of Methods	up to 150 factory (96 pre-loaded), up to 100 user
Data Points Stored	9999 measured values
Export Capability	csv file format, pdf file format
Connectivity	1x USB A (mass storage host), 1x USB B (mass storage device)
Battery Life	3000 measurements or 8 hours
Power Supply	15 Vdc power adapter, 10.8 Vdc Li-Ion rechargeable battery
Environment	0 to 50 °C (32 to 122 °F), 0 to 95% RH
Dimensions	155 x 205 x 322 mm (6.1 x 8.0 x 12.6")
Weight	3 kg (6.6 lbs.)
Ordering Information	HI801-01 (115V) and HI801-02 (230V) is supplied with sample cuvette and cap, 22 mm (4 pcs.), cuvette adapters (3 pcs.), cloth for wiping cuvettes, scissors, USB cable, 15 VDC power adapter, USB flash drive, instrument quality certificate and instruction manual.
Accessories	HI7408011 replacement 16mm vial adapter
	HI7408012 replacement 10mm vial adapter
	HI7408013 replacement 13mm vial adapter
	HI7408014 replacement Tungsten-Halogen lamp
	HI7408015 replacement battery