



SPECTRO Spectrophotometer

Portable Spectrophotometer for measuring a wide variety of samples.



Description

The SPECTRO Spectrophotometer is a portable spectrophotometer that is easier to use and more accurate than anything in its price range. The spectrophotometer uses a menu driven display where tests and functions are selected from scrolling menus for ultimate simplicity. The Spectrophotometer's results are displayed as a %T, absorbance, and concentration. The Spectrophotometer comes with over 40 pre-programmed tests and up to 25 calibrations for additional tests can be entered into its memory. You can also customize sequences for frequently run tests. The Spectrophotometer automatically moves the grating to the required wavelength for your convenience.

The SPECTRO Spectrophotometer has a wide wavelength range, 350-1000nm, and is highly accurate over the entire range, ± 2 nm. The Spectrophotometer also has a high resolution (1 nm with 5nm bandpass over entire range), holds calibration longer (modified Ebert mounting, 1200 lines/mm grating), is better for higher absorbance samples (-0.1 to 2.5A photometric range), and has better linearity for higher concentrations (± 0.005 A continuous photometric accuracy). The spectrophotometer has an optional carrying case and rechargeable battery pack.

- Menu Driven Display
- Pre-Programmed Tests, User Tests
- Automatic Wavelength Selection
- Wide Wavelength Range
- High Accuracy

Specifications

Instrument Type: Single beam spectrophotometer
Readout: 4 line, 20 characters per line LCD
Wavelength Range: 350-1000 nm
Wavelength Accuracy: ± 2 nm
Wavelength Resolution: 1 nm
Wavelength Bandwidth: 5nm (max)
Photometric Range: 0-125%T, -0.1-2.5A
Photometric Accuracy: ± 0.005 nm
Photometric Stray Light: <0.5%T
Dispersive Device: 1200 lines/mm ruled grating
Sample Chamber: Accepts 25 mm diameter flat-bottomed test tubes, 10 mm square cuvettes, 16 mm COD test tubes
Source Lamp: Quartz halogen
Modes: %T, ABS, pre-programmed tests
Pre-Programmed Tests: YES, with automatic wavelength selection
User Defined Tests: Up to 25 tests
RS232 Port: 8 pin mDIN
Power Requirements Battery Operation (optional): Ni-Metal Hydride battery pack
Line Operation: 110/220V, 60/50 Hz
Dimensions: 14 1/4"x11"x6 3/4" (36cmx28cmx17cm)
Weight: 10.3 lbs (4.65 kg)

Price List

SPECTRO	
Spectrophotometer.....	\$1795
Includes 6 sample cells (25mm round), 2 sample cell holders, power supply, and battery charger.	
Carrying Case.....	\$108
Battery Pack.....	\$149
SMARTLink 2 Software.....	\$175

Instrument Reagent Tests

Bromine LR.....	\$44.00
Chromium TT.....	\$17.00
Nitrate Nitrogen LR.....	\$37.00
Phenol.....	\$43.00
Potassium.....	\$46.00

Please see our website, WWW.GLOBALW.COM, for more reagent tests.

Contact
Global Water
for all your
instrumentation
needs:

Water Level
Water Flow
Water Samplers
Water Quality
Weather
Remote Monitoring
Control



Global Water
The Leader in Water Instrumentation

In the U.S. call toll free
at 1-800-876-1172
International: 916-638-3429
Fax: 916-638-3270
Email: globalw@globalw.com

Visit our online catalog at:
www.globalw.com
Our Address:
11390 Amalgam Way
Gold River, CA 95670