

ISTA-UV

UV-VIS Spectrophotometer



ISTA-UV as a single-beam spectrophotometer Provides high reliability of measurements, compact design, with great durability and reasonable price.

Specifications:

Wavelength Range	190-900 nm
Wavelength steps	0.25 nm
Resolution	0.7 nm
Wavelength	± 0.1 nm
Reproducibility	
Detector	CCD 3648 Pixels
Light Source	Deuterium and Halogen-Tungsten
Stray Light	< 0.2 %T
Photometric Measuring Range	0-3 Abs
Interfaces	Wi-Fi , USB-2
Language	English
Power	220 V AC
Dimension	450*350*150 mm
Weight	4 kg

3-in-1 Spectrophotometer

- ✓ Conventional Spectroscopy
- ✓ Color measurement
- ✓ Water analysis

8-inch Touch Screen

All- in –One cell holder (10 mm, 1 inch, 50 mm cuvette and 16 mm round vial)

PC Software

USB-2 interface

Wi-Fi interface

Photometric mode measures the absorbance or transmittance at a single wavelength or at multiple (up to eight) wavelengths. Measures color as CIELAB color scale.

Quantitation Mode generates a calibration curve from standard samples, and uses it to calculate the concentrations of unknown samples. Easy water analysis including 50 ready-to-use methods validated with reagents.

Spectrum mode obtains sample spectra using wavelength scanning. Scope, Absorbance or Transmission spectra can be selected. Changes in the sample can be tracked using repeated scans. Data processing operations, such as the zoom and peak detection, are also possible.

Time-Scan Mode measures the change in absorbance, transmittance, or energy as a function of time. Measures kinetics.

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