



Touch Screen Double Beam UV-VIS Spectrophotometer



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Darsun Scientific

Touch Screen Double Beam UV-VIS Spectrophotometer

DSB-2900



Product Features

- Double beam UV-VIS spectrophotometers adopt double beam optical system, and blazed holographic gratings. They have outstanding test precision and very competitive prices.
- 8 inch color touch-screen, cutting-edge user interface, powerful functions, and easy operation.
- With powerful functions, the equipment shows great performance in qualitative and quantitative testing, such as
 - Full spectrum scanning
 - Linear regression
 - Detailed spectrum scanning
 - Concentration direct reading
 - Time based kinetics determination
 - Peak/ Valley detecting
 - GOTO
 - Multi-wavelength measurement
- The equipment is designed with sophisticated power protection system, With high capacity of internal memory, it can store testing results, scanned images, regression equations and correction data. Therefore, it follow a fast initialization when power on.
- The instrument can be connected with dedicated printer, which can print testing results, or draw curve from spectral scanning, fixed wavelength time-based scanning, and linear regression.
- With USB COM port the device can be connected to a PC, which can not only enhance the performance in data testing and spectrum scanning, but also expand the memory to save more testing results

- Double beam optical system
- 8 inch color touch-screen
- Automatic zero and full scale Adjustment
- Automatic wavelength settings
- Equipped with USB COM port
- UV WIN8 Spectrum Data
- Processing Software optional
- Thermal plotter Optional

Standard Accessories

- Operation manual -1
- Quartz Cuvette 1cm -2pcs
- Power Cable -1
- Fuse -2pcs



Model	DSB-2900
Display	High Resolution Touch Screen LCD Color, Graphical display with Built-in Window PC
Monochromator	Concave holographic grating with 1200 lines/mm
Wavelength	The Complete Wavelength For Instrument 190-1100
Resolution	0.2nm
Accuracy	±1nm
Repeatability	±0.5 nm
Spectral Bandwidth	<2 nm
Measuring Modes	%Transmittance (%T), Absorbance (ABS), Concentration (CONC) by K-Factor and multi Standards
Operating Modes	Single wavelength: Measuring % T,ABS and CONC. Spectrum time scan, measuring % T and ABS
Source	Tungsten Halogen Lamp
Power	230 V ±10% 50 Hz
Standard Accessories	10 mm path length four (4) Cuvettes matched with ±0.3%
Certification	Availability of UL/CE Certifications as per EN 61010-1:2010 safety requirements for electrical equipment for measurement, control and laboratory use General requirements. Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use. Availability of Test Reports from Central Govt./NABL Approved/ILAC accredited lab to prove conformity to the specification.