

Order Code - 58009



### SALIENT FEATURES :

- Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance.
- The instrument has PC connectivity software expands the capabilities of the instrument includes
- Photometric analysis, Quantitative analysis, Spectral scanning, Kinetics, DNA/protein analysis,
- Multi-wavelength test, etc.
- Adopts 51 microcomputer system, and store 200 test data and 100 standard curves;
- Plug type deuterium lamp and tungsten lamp transfer light without optics debugging.

### STANDARD CONFIGURATION

- Main Set : 1 No.
- USB Cable : 1 No
- Accessory kit, Including a 4 glass cell : 1 No
- 2 Quartz Cell : 1 No
- Operating Manual Software Manual : 1 No
- Dust Cover : 1 No
- Software CD : 1 No
- Software Key: 1 No
- Power Cable : 1 No

### ACCESSORIES

- Control Unit.
- Cell holder with Peltier System. (It's already pre-loaded into the compartment of the spectrophotometer).
- Control Cable (to connect the Control Unit with the Cell holder with Peltier System).
- Peristaltic pump pipe. (It's already pre-loaded into the pump valve of the Control Unit)
- Power cord.

### TECHNICAL SPECIFICATION

- The valid temperature range is from 15°C to 65°C
- The valid sampling time range is from 30s to 10min,
- The valid peristaltic pump speed range is from 1 to 12
- The sampling speed is about 50ml/min.
- Power supply is 220±22V@50±1Hz or 110±11V@60±1Hz.

Note: Specifications are subject to change.

### **Tesca Technologies Pvt. Ltd.**

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### TECHNICAL SPECIFICATION

Optical System	:	Single Beam, Grating 1200 lines/mm
Wavelength Range	:	190~1100nm
Spectral Bandwidth	:	2 nm
Wavelength Accuracy	:	1nm
Wavelength Repeatability	:	<=0.2 nm
Photometric Accuracy	:	0.5%T
Photometric Repeatability	:	0.2%T
Photometric Range	:	0 - 200%T, - 0.3 - 3A
Stray light	:	0.15%T
Stability	:	±0.0002A/h @500nm
Baseline Flatness	:	±0.002 A
Noise	:	±0.001 A
Wavelength Setting	:	Auto
Light Source	:	Imported Deuterium & Tungsten lamp
Display	:	128x64 LCD
Detector	:	Imported Silicon Photodiode
Output	:	USB port & Parallel port ( Printer)
Power AC	:	220V/50Hz; AC 110V/60Hz
Dimension	:	590x460x220mm
Net Weight	:	16kg
Shipping Size	:	700x580x340mm
Weight	:	20kg

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