

Order Code - 58010



#### SALIENT FEATURES :

- High quality xashing xenon lamp which can start to test directly without preheating.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum Scan, DNA/Protein test, Multi-wavelength test, etc.
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Supports USB storage, The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage
- Large sample chamber can accomodate 5-100mm cuvettes of all kinds. Provide at Extra cost.
- Extensive accessories are optional, such as auto 8-cell holder, peltier/sipper system, 21 CRR compliant software Provide at Extra cost. etc.
- Auto Wavelength Setting
- Tungsten/Deuterium Lamp can be Turned ON/OFF Individually to Extend Lifetime
- On-Screen Standard Kinetic Carve Display



Window Graphic Interface

Note: Specifications are subject to change.

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

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,  
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,  
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## TECHNICAL SPECIFICATION

Optical System	:	Double Beam, Grating 1200 lines/mm
Wavelength Range	:	190 nm-1100nm
Spectral Bandwidth	:	1 nm
Wavelength Accuracy	:	$\pm 0.1\text{nm}$ 656.1nm, $\pm 0.3\text{nm}$ @all
Wavelength Repeatability	:	$\pm 0.1$ nm
Photometric Accuracy	:	0.2%T(0~100%T), $\pm 0.002\text{A}$ (0-0.5A), $\pm 0.004\text{A}$ (0.5-1A)
Photometric Repeatability	:	$\pm 0.15\%$ T(0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)
Photometric Range	:	0-200%T, 0.3-3A, 0-9999C (0-9999F)
Stray Light	:	0.03%T@220nm, 360 nm
Stability	:	$\pm 0.0005\text{A/h}$ @500nm
Baseline Flatness	:	$\pm 0.001\text{A}$
Noise	:	0.0005A@500nm
Work Mode	:	T%, Abs, Conc, Reflectance, E,
Scanning Speed	:	Hi, Med, Low (Max. 3000nm/min)
Wavelength Setting	:	Auto
Display	:	7" TFT Color Screen
Light Source	:	Imported Xenon Lamp
Detector	:	Imported Silicon Photodiode
Cuvette Holder	:	10mm single hole cell holder
Output	:	USB drive, USB host, Rs232
Power	:	AC 220V/50Hz or AC 110V/60Hz
Shipping Size	:	810x660x390mm
Gross Weight	:	27kg
Standard Accessories	:	10mm glass cuvette x 4, 10mm quartz cuvette x2, Power cord, User's Manual, PC software

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