OPTICA

UV-Visible Spectrophotometer

Features:

1. With embedded computer and optimized optical system, easy to operate.
2. Basic I/A/Cone, Quantitative analysis, Limited Wavelength Scan & Kinetics, Multi-wavelengths, DNA/Protein (UV-300D only), and GLP.
3. With PC running App Survey scan and Kinetics can be implemented.
4. Data saved in local memory can be exported with U storage.

Specifications:

Models	V-300D	UV-300D
Wavelength Range	325 - 1000nm	190 - 1000nm
Bandwidth	4nm	4nm
Optical System	Auto-aligned, 1200 lines/mm holographic grating	
Wavelength Accuracy	±1nm	±0.5nm
Wavelength Repeatability	±0.5nm	±0.3nm
Wavelength Resolution	±0.1nm	±0.1nm
Photometric Range	0-125%T,-0.097 to 2.5A	0-200% T, -0.3-3A, -9999-9999C
Photometric Accuracy	±0.004@0.5A ±0.5%T(0-100%T)	±0.002A(0-0.5A), ±0.004A(0.5- 1A) ±0.008A(1 - 2A), ±0.3%T(0- 100%T)
Stray Light	≤0.1%T @360nm	≤0.05% T@220nm&360nm
Light Source	Tungsten Halogen Lamp	Deuterium & Tungsten Halogen Lamp
Display	128x64 graphic LCD	
Data Output	USB port for Data access and firmware update with U storage. also PC link	
Cuvette Capability	up to 100mm pathlength	
Power Requirement	220VAC,50Hz	
Dimensions	460 x 310 x 200 mm	
Weight	11kg	11.5kg

Standard configuration

- 4-1 cm manual sample rack 1 set
- 1 cm standard quartz cuvette 1 box (2 pcs)
- 1 cm standard glass cuvette 1 box (4 pcs)
- Instruction manual 1 pc
- Dust cover 1 pcs

Optional accessory

- 8-slot 1 cm automatic Sample rack
- Dongle PC running software 1 set
- Bluetooth printer 1 set