



Visible and UV/Vis spectrophotometers

Code HJB003 - HJD017

They are designed to operate in the visible and UV/Vis range of the spectrum, making them the ideal choice for routine and experimental applications in universities and educational centers. They include user assistance that guides the steps to follow. The equipment features a color TFT display.



Features

- **Sample Compartment**
Holds 4 x 10 mm cuvettes, manual external changer
- **Interface**
USB and parallel ports for direct connection to computer and printer.
 - Parallel port (Printer)x1
 - USB-A (USB memory)x1
- **Software**
The system includes EasyUV Basic software for computer-based analysis.
- **Operating mode**
Photometry and Quantification

Code	HJB003	HJD017
Model	4201/20	4201/30
Range	Visible	UV/Vis
Optical System	Single beam, 1200 lines/mm grating	Single beam, 1200 lines/mm grating
Wavelength Range	325-1050 nm	200-1050 nm
Wavelength Accuracy	± 1 nm	± 1 nm
Wavelength Repeatability	≤ 0.5 nm	≤ 0.5 nm
Wavelength Resolution	±0,5 nm	±0,5 nm
Wavelength Slew Rate	10000 nm/s	10000 nm/s
Light Source	Tungsten	Tungsten and Deuterium
Spectral Bandwidth	4 nm	4 nm
Stray Light	≤0,2%T@360 nm	≤0,2%T@360 nm
Photometric Range	-0,3/3 A ; 0-200% T ; 0-9999.9 C	-0,3/3 A ; 0-200% T ; 0-9999.9 C
Power Supply	100-240 VAC,50/60 Hz 75 W	100-240 VAC,50/60 Hz 75 W
Dimensions (LxAxH)	456x360x185 mm	456x360x185 mm
Weight	10,5 kg	10,5 kg