

T8000 PMT Double Beam B/W 2nm Spectrophotometer



Features:

- Double Beam UV Visible Spectrophotometer with a fixed bandwidth of 2 nm.
- The use of photomultiplier tube as a detector offers exceptional sensitivity.
- 7 inches TFT color screen and windows graphic interface.
- 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.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, reflectance accessory, integrating sphere, 21 CFR compliant software, built-in thermal printer, etc.

Specifications:

Optical System	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	2 nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all
Wavelength Repeatability	≤0.1nm
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)
Photometric Range	0-200%T, -4~4A, 0-9999C (0-9999F)
Stray Light	≤0.03%T@220nm, 360nm
Stability	±0.0005A/h@500nm
Baseline Flatness	±0.001A
Noise	0.0005A@500nm
Work Mode	T, A, C, E
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)
Wavelength Setting	Auto
Light Source	Imported Deuterium & Tungsten lamp
Detector	Imported Photomultiplier Tube
Cuvette Holder	10mm single hole cell holder
Output	USB drive, USB host, RS232
Power	AC 220V/50Hz or AC 110V/60Hz
Shipping Size	810*660*390mm
Gross Weight	27kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual, PC software

T8001 PMT Double Beam B/W 1nm Spectrophotometer



Features:

- Double Beam UV Visible Spectrophotometer with a fixed bandwidth of 1 nm.
- The use of photomultiplier tube as a detector offers exceptional sensitivity.
- 7 inches TFT color screen and windows graphic interface.
- 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.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, reflectance accessory, integrating sphere, 21 CFR compliant software, built-in thermal printer, etc.

Specifications:

Optical System	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	1 nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all
Wavelength Repeatability	≤0.1nm
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)
Photometric Range	0-200%T, -4~4A, 0-9999C (0-9999F)
Stray Light	≤0.03%T@220nm, 360nm
Stability	±0.0005A/h@500nm
Baseline Flatness	±0.001A
Noise	0.0005A@500nm
Work Mode	T, A, C, E
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)
Wavelength Setting	Auto
Light Source	Imported Deuterium & Tungsten lamp
Detector	Imported Photomultiplier Tube
Cuvette Holder	10mm single hole cell holder
Output	USB drive, USB host, RS232
Power	AC 220V/50Hz or AC 110V/60Hz
Shipping Size	810*660*390mm
Gross Weight	27kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual, PC software

T8001S Variable Bandwidth PMT Double Beam Spectrophotometer



Features:

- Double Beam UV Visible Spectrophotometer with a variable bandwidth of 0.5, 1, 2, 4 and 5 nm.
- The use of photomultiplier tube as a detector offers exceptional sensitivity.
- 7 inches TFT color screen and windows graphic interface.
- 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.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, reflectance accessory, integrating sphere, 21 CFR compliant software, built-in thermal printer, etc.

Specifications:

Optical System	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	0.5/1/2/4/5 nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all
Wavelength Repeatability	≤0.1nm
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)
Photometric Range	0-200%T, -4~4A, 0-9999C (0-9999F)
Stray Light	≤0.03%T@220nm, 360nm
Stability	±0.0005A/h@500nm
Baseline Flatness	±0.001A
Noise	0.0005A@500nm
Work Mode	T, A, C, E
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)
Wavelength Setting	Auto
Light Source	Imported Deuterium & Tungsten lamp
Detector	Imported Photomultiplier Tube
Cuvette Holder	10mm single hole cell holder
Output	USB drive, USB host, RS232
Power	AC 220V/50Hz or AC 110V/60Hz
Shipping Size	880*690*520mm
Gross Weight	45kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual, PC software