

PG Instruments T80+Double Beam UV VIS Spectrometer



Description for PG Instruments T80+Double Beam UV VIS Spectrometer

The Double Beam T80+ UV VIS Spectrometer is designed for easy and automated analysis with a minimal number of key depressions. There are a number of optional accessories which make the instrument even more flexible, including analysis for photometric measurement, spectrum scans, a quantitative determination. High performance, fixed or variable spectral bandwidth? Look no further than our high performance, holographic blazed grating! With a wavelength accuracy of 0.3nm and 1200 lines/mm, this grating is perfect for your needs. Plus, it comes with a motorized 8 cell change and pre-aligned Tungsten and Deuterium lamps.

Features of Double Beam T80+ UV VIS Spectrometer :

- High performance fixed (2nm) or variable (0.5, 1, 2, 5nm) spectral bandwidth.
- Wavelength accuracy +/- 0.3nm.
- Supplied with a motorised 8 cell changer and pre-aligned Tungsten and Deuterium lamps.
- Holographic blazed grating 1200 lines /mm.
- High degree of automation requiring minimal key depressions to start analysis.
- A number of optional accessories available which increase the flexibility of the instrument.
- Analysis for photometric measurement, spectrum scans, quantitative determination and DNA/Protein analysis.
- UV-Win software gives additional functionality including 3D spectrum analysis and compliance with GLP protocol.
- Simple mechanical structure and modular electronics make routine maintenance very easy.

Specifications of Double Beam T80+ UV VIS Spectrometer :

Product Name	PG Instruments Double Beam T80+ UV VIS Spectrometer
Brand	PG Instruments
Model	T80+
Wavelength Range	190-1100 nm
Optical System	Double Beam
Spectral Bandwidth	2 nm
Wavelength Accuracy	+/-0.3 nm
Wavelength Reproducibility	<=0.2 nm
Photometric Accuracy	0.002A (0 - 0.5A), 0.004A (0.5 - 1.0A) 0.3%T (0 -100%T)
Detector	Silicon photo diode
Lamp Type	Tungsten Halogen Lamp, Deuterium Lamp
Data Output Port	RS 232
Display	Digital LCD
Dimensions	520 mm x 420 mm x 230 mm