

DW-721N VIS Spectrophotometer

DW-721N VIS Spectrophotometer has the holographic blazed grating monochromator has the advantages of high wavelength accuracy, good monochromaticity and low stray light.

- Linear regression method and coefficient method are added to the concentration test method.
- USB interface is added, and large capacity memory can store 30 concentration curves.
- Adopt microcomputer measurement system, with high conversion accuracy of T-A, automatic adjustment of
- 0% T and 100% T, concentration factor setting and concentration direct reading.
- High accuracy, Good Reproducibility and Stability of Measurement Readings.
- Automatic light gate technology, No need blackbody, to protect the photoelectric sensor

Main Features

- Sample compartment for 5-50mm cuvettes
- Precise automatic T/A changeover
- Automatic zero and full scale adjustment
- Equipped with USB port
- Direct concentration read-out and concentration factor setting function
- Automatic light gate technology to protect photoelectric sensors





Photometry:	Split Beam
Monochromator Type:	Czerny-Turner
Focal Length:	160mm
Grating:	1200 lines/mm
Detector:	Silicon Photocell
Spectrum Bandwidth:	2nm
Wavelength Setting:	Manual Turn Knob
Wavelength Range:	340-1100nm
Wavelength Accuracy:	±2nm
Wavelength Repeatability:	≤1nm
Stray Light :	≤0.1%T(at 360nm NaNo2)
Photometric Range:	0.0-100.0% T, 0.000-1.999 A, 0.000-1999 C
Photometric Accuracy:	$\pm 0.5\%$ T, ± 0.004 Abs (0-0.5A), ± 0.008 Abs (0.5-1A)
Photometric Repeatability:	$\leq 0.2\%$ T, 0.002 Abs (0-0.5A), 0.004 Abs (0.5-1A)
Noise:	100% (T) noise≤0.3%(T), 0% (T) noise≤0.2%(T)
Power:	AC220V±22V 50Hz±1Hz ,80W
Packaging Size:	580mm X 460mm X 345mm 0.1M ³ 12.5kg

Standrad Accessories

- Operation manual lpc
- Glass cuvette 10mm 4pcs
- Fuse 2pcs

Optional Accessories

• Cuvette holder 50mm 100mm

- UV WIN8 Spectrum data processing software lpc
- Power cable lpc
- Cuvette holder 10mm lpc
- Cuvette 20mm 30mm 50mm 100mm