

DW-752N UV-VIS Spectrophotometer

DW-752N UV-VTS Spectrophotometer been widely used in colleges and enterprises for general quantitative analysis and experiments based in absorbance measurements.

- High quality silicon photometric diode detector and 1200 lines/mm diffraction grating ensure the high quality accuracy and precision.
- Backlit LCD display for an easy readout.
- Automatic 0A and 100%T.
- Easy switching of transmittance, absorbance and concentration modes, just by pressing one key.
- Direct concentration read-out and concentration factor setting function.
- Large sample compartment, for 5 100mm path length cuvettes with optional holders.
- Easy to change the halogen lamp or deuterium lamp by the user himself.

Reatures

- 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



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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:	200-1000nm
Wavelength Accuracy:	±2nm
Wavelength Repeatability:	≤1nm ≤1nm
Stray Light:	<0.1%T(at 220nm Nal, 360nm NaNo2)
Photometric Range:	0.0-200.0% T, -0.097-4.000 A, 0.000-9999 C
Photometric Accuracy:	±0.5% T, ±0.004 Abs (0-0.5A), ±0.008 Abs (0.5-1A)
Photometric Repeatability:	≤0.2% T, 0.002 Abs (0-0.5A), 0.004 Abs (0.5-1A)
Noise:	100% (T) $noise \le 0.3\%$ (T), 0% (T) $noise \le 0.2\%$ (T)
Power:	AC220V±22V 50Hz±1Hz ,120W
Packaging Size:	580mm X 460mm X 345mm 0.1M ³ 16.5kg

Standrad Accessories

- Operation manual lpc
- Glass cuvette 10mm 4pcs
- Power cable 1pc

- UV WTN8 Spectrum data processing software 1pc
- Quartz cuvette 10mm 2pcs
- Fuse 2pcs
- Cuvette holder 10mm 1pc

Optional Accessories

• Cuvette holder 50mm 100mm

• Cuvette 20mm 30mm 50mm 100mm