

722N VIS Spectrophotometer

722N VIS Spectrophotometer has the holographic blazed grating monochromator has the advantages of high wavelength accuracy, good monochromaticity and low stray light.

- 7-inch multi color touch-screen, good human-computer interface.
- 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
- 7-inch multi color touch-screen
- Equipped with USB port
- Direct concentration read-out and concentration factor setting function
- Automatic light gate technology to protect photoelectric sensors



Specifications

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:	325-1100nm
Wavelength Accuracy:	±2nm
Wavelength Repeatability:	≤1nm
Stray Light:	≤0.1%T(at 360nm NaNo2)
Photometric Range:	0.0-200.0% T, -0.097-4.000 A, 0.000-9999 C
Photometric Accuracy:	$\pm 0.5\%$ 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≤0.3%(T), 0% (T) noise≤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
- Fuse 2pcs

Optional Accessories

Cuvette holder 50mm

- UV WIN8 Spectrum data processing software 1pc
- Power cable 1pc
- Cuvette holder 10mm 1pc

• Cuvette 20mm 30mm 50mm