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:	**±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 1pc
- Glass cuvette 10mm 4pcs
- Fuse 2pcs
- UV WIN8 Spectrum data processing software 1pc
- Power cable 1pc
- Cuvette holder 10mm 1pc

Optional Accessories

- Cuvette holder 50mm
- Cuvette 20mm 30mm 50mm