

VIS Spectrophotometer

with scanning function

MODEL: V-111



SALIENT FEATURES:

- Imported Lamps: Uses highest quality of imported Tungsten lamp & sensors.
- Low Stray Light: V-111 is made of high quality components and has perfect design which ensures low stray light.
- Stability & Durability: V-111 uses die-cast aluminum base and injection molded inner compartments which ensures instrument's stability & durability.
- Multiple Results: V-111 Can display wavelength, absorption, transmittance, energy.
- Standard Curve: After connected to PC and using software V-111 can set up various standard curves according to customer's solution and find the concentration of unknown solutions.
- Auto Setting: User can set wavelength automatically through arrow keys.
- Data Output: V-111 is equipped with USB port to connect to computer software. Can do wavelength scanning to know the lambdamax.
- Wide functionality: Software enables Photometric analysis, Quantitative analysis, Spectral scanning, Kinetics, DNA/protein analysis, Multi-wavelength test, etc. The software is optional.

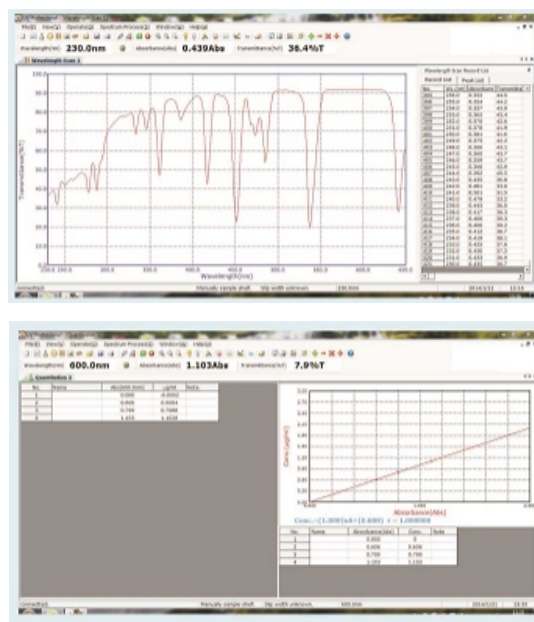
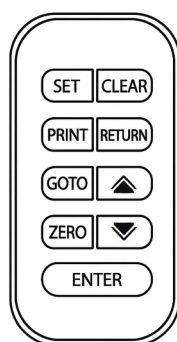
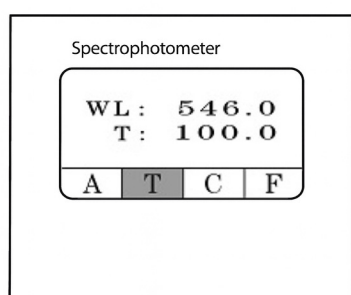


Fig.: Software control

Model	V-111
Make	Galaxy
Bandwidth	2 nm
Cell Holder	10mm manual 4-cell holder
Optical System	Single Beam (1200 lines/mm Grating)
Wavelength Range	320 ~ 1100 nm
Wavelength Accuracy	± 1 nm
Wavelength Repeatability	± 0.5 nm
Wavelength Setting	Automatic
Photometric Range	-0.3 ~ 3A, 0~200%T
Photometric Accuracy	± 0.5%T
Photometric Repeatability	± 0.3%T
Stray Light	± 0.3%T
Stability	±0.002A/h @ 500nm
Baseline Flatness	± 0.002A
Measurement Mode	T, A, C, E
Display	128 * 64 LCD
Detector	Imported Silicone Photodiode
Light Source	Imported Tungsten Halogen Lamp
Output	USB Port & Parallel Port
Power Supply	AC 220V / 50Hz
Dimensions	650 x 520 x 340mm & 15kg

WAVELENGTH

PHOTOMETRIC



STANDARD

ACCESSORIES:

- Software
- 10mm Glass Cuvette
- Instruction Manual
- Power Cord

Fig.: Device controls, very easy to use