

METASH

UV/VIS SPECTROPHOTOMETER



UV-6100 Series Single Beam Spectrophotometer



UV-6100 series are large scanning UV visible spectrophotometers which combine best features of single beam spectrophotometers. It is your ideal choice for stand-alone spectrophotometers. UV-6100 series spectrophotometer: UV-6100, UV-6100A and UV-6100S.

UV/VIS SPECTROPHOTOMETER **METASH**

【 Features 】

Long light path design

UV-6100 series' unique 520mm long light path design greatly improved resolution and the bandwidth can reach 0.5nm.

16mm optical base

UV-6100 series use a rigid 16mm die-cast aluminum base as its optical mount to ensure instrument stability and reliability.

6 inches LCD display

UV-6100 series have a 6 inches LCD display to show results and curves directly on the screen.

Powerful software functions

Multi functions like spectrum scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein testing can be operated directly on the pc.

Multi functions on spectrophotometer

Multi functions operated directly on the spectrophotometer and display the test results' curve and data: wavelength scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein test.

Perfect calibration system

All baseline, wavelength, dark current can be calibrated automatically to keep good running conditions.

Data output

UV-6100 series are equipped with USB port to connect with a PC, and the software comes standard with the instruments.

【 Technical Specification 】

| | |
|---------------------------|-----------------------------|
| Model | UV-6100/UV-6100A/UV-6100S |
| Wavelength Range | 190-1100nm |
| Bandwidth | 1.8nm/1nm/0.5,1.0,2.0,4.0nm |
| Wavelength Accuracy | ± 0.3nm |
| Wavelength Repeatability | 0.2nm |
| Photometric Accuracy | ± 0.3%T |
| Photometric Repeatability | 0.2%T |
| Photometric Range | -0.3-3A,0-200%T,0-9999C |
| Stability | ± 0.002A/h @ 500nm |
| Baseline Flatness | ± 0.001A |
| Noise | ± 0.001A |
| Stray Light | ≤ 0.05%T @220nm,360nm |
| Data Output Port | USB |
| Printer Port | Parallel Port |
| Display | 320*240 Dots LCD |
| Lamps | D2 Lamp & W Lamp |
| Detector | Silicon Photodiode |
| Power Requirements | AC 220V/50Hz or 110V/60Hz |
| Dimension | 625*430*206mm |
| Weight | 28kg/28kg/30kg |

【 Standard Accessories 】

| Item | Description | Qty | Unit |
|------|--------------------|-----|------|
| 1 | Spectrophotometer | 1 | set |
| 2 | 1cm Glass cuvette | 4 | pcs |
| 3 | Power cord | 1 | pcs |
| 4 | User's Manual | 1 | pcs |
| 5 | 1cm quartz cuvette | 2 | pcs |
| 6 | Dust cover | 1 | pcs |
| 7 | Software Kit | 1 | pcs |

