

SPECTROPHOTOMETER UV / VIS 4600



- ♦ Automatic to measure Absorbance, Transmittance and Concentration
- ♦ Can set up various standard curves according to customer solutions and find the concentration of unknown solutions
- ♦ Grating of high resolution of 1200 lines/mm
- ♦ Automatically WL. Calibration and dark current getting
- ♦ ON/OFF selectable for Deuterium lamp
- ♦ Compact, space saving
- ♦ Key board
- ♦ Display LCD of HD for results and curves
- ♦ Memory store of up to 200 results
- ♦ Coefficient Method to find concentrations
- ♦ Can display wavelength, absorbance and transmittance with 5 results per screen
- ♦ Integrated software to quantitative calculations, curves and Coefficient Method.
- ♦ Provided of USB port to connect with a PC through included software to spectrum scanning, kinetics, Multi-wavelength testing results and DNA/Protein calculations.

Supplied with 4-position 10mm cell changer, externally operable, glass and quartz cuvettes

| Parameters | Features | Parameters | Features |
|------------------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| Wavelength range | 190 – 1100nm | Baseline flatness | ±0.002A/h |
| Measuring modes | ABS / T% / CONC | Detector | Silicon photodiode |
| Bandwidth pass | 2nm | Display | LCD HD 128*64 |
| Optic system | One beam. Grating of 1200 lines/mm | Photometric ranges | -0.300 to 3A; 0 to 200%T 0-9999C |
| Stability | ±0.002 Abs/h (500nm, 2h of warm up) | Standard cell holder | 4-position 10mm cell changer |
| Wavelength accuracy | ± 0.8nm | Light source | Tungsten & Deuterium D2 |
| Wavelength repeatability | 0.3nm | Key board | Membrane |
| Wavelength setting and zero | automatic | Interface | USB and Parallel(printer) |
| Photometric accuracy | ± 0.3%T | Power | AC220V / 50Hz |
| Photometric repeatability | 0.2%T | Size | 460 x 360 x 225mm |
| Stray light | <0.05%T | Weight | 18kg |

| Code | Description |
|-------------------|--|
| 6.4200.00 | Spectrophotometer UV/VIS. Model UV 4600 |
| 6.3000.01 | Software to PC-Quantitative/Kinetic/Scanning Multi-WL / Proteins / DNA |
| 6.6900.01 | Cuvette holder 8x10mm automatic |
| 6.6900.07* | Micro-printer for dates |
| 8.9749.00* | PC, with monitor TFT 19 " |
| 6.6900.06 | Cuvette with lid, quartz, 3.5ml, 10mm path light, 2pcs |
| 6.6900.05 | Cuvette with lid, glass, 3.5ml, 10mm path light, 4pcs |
| 6.6900.03 | Halogen lamp |
| 6.6900.08 | Deuterium lamp |

Ask for Cuvette Holders and accessories

Micro-printer Code 6.6900.07



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