SPECTROPHOTOMETER

SUITABLE FOR VARIOUS APPLICATIONS:

- Beverage
- Pharmaceutical
- Chemical Analysis
- Biotechnology
- Microbiology
- Power & Petroleum
- Agricultural
- Drinking Water/Wastewater
- Environment

FEATURES:

- Can make test of Quantitative and Kinetics with professional PC software.
- Adjust automatically 0% A and 100% T.
- 'Store 50 groups of measuring data and 10 groups of K & B value.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Automatic control of the switching of deuterium and tungsten lamp, manual wavelength setting.

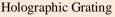


MODEL: GUV2200

TECHNICAL SPECIFICATIONS:

- Optical System: Single Beam
- Photometric Measurement Modes: Transmittance, Absorbance, Concentration, (T, A, C)
- Light Source: Halogen Tungsten & Deuterium Lamp
- **❖ Wavelength Range:** 190-1100nm
- Wavelength Accuracy: 2nm
- Wavelength Resolution: 0.1nm
- Wavelength Repeatability: 1nm
- Wavelength Setting & Scanning: Automatic
- **Spectral Bandwidth:** 4nm
- Photometric Range: +/- 3A or 0 to 200% T
- Photometric Accuracy: 0.5%T
- **Photometric Repeatability:** 0.2% T
- Scanning Speed: 560 nm/min (High, medium, low)
- **Stray Light:** 0.15%T @500nm
- **❖ Display:** 128 * 64mm LCD
- **Diffraction Grating:** 1200 (lines/mm)
- Monochromator Type: Czerny Turner with

- **Detector:** Silicon Photodiode
- Focal Length: 160 mm
- **Base Line Correction:** ±0.002A (Automatic)
- Noise level: 0.001 A
- Photometric Drift / Stability: 0.002 A@500nm
- Interface: USB, RS232
- Sample Holder: 10mm manual 4-cell holder
- **Dimension:** 520x450x320mm
- **Gross Weight:** 10Kg
- **Power Supply:** AC 220V/50Hz or AC 110V/60Hz,
- **❖ Operating Temperature:** 5 °C to 45 °C
- Operating Humidity (RH): 90 (%)
- Standard Supply: 10mm Glass cuvette, 10mm quartz cuvette
 - (1 each) Power cord, User manual
- **Suitable Software for Connecting PC & Printer:** Optional





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