

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:

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| <ul style="list-style-type: none">❖ 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 Holographic Grating | <ul style="list-style-type: none">❖ Detector: Silicon Photodiode❖ Focal Length: 160 mm❖ Base Line Correction: $\pm 0.002A$ (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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