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VIS-2220G/AUV-2092 SPECTROPHOTOMETER

FEATURES:

1. Microprocessor control, 16X2 LCD display;
2. Auto zero and auto 100%T adjustment provided;
3. Calibration curve can be set up by either measuring or entering up to 10 standards or entering K and B factors directly via the keyboard;
4. Parameters can be saved for later use; Up to 10 calibration curves can be stored and edited for user's convenience;
5. Data can be printed on an optional desktop printer and can be downloaded to a PC through RS-232;
6. PC control provided for more accurate and flexible measurement requirements (optional);
7. Auto-wavelength control (optional).

SPECIFICATIONS

Model	VIS-2220G	AUV-2092
Wavelength	320~1100nm	190~1100nm
Wavelength accuracy	±2.0nm	
Wavelength reproducibility	1nm	
Monochromator	Single-beam, C-T type, grating 1200L/mm	
Photometric accuracy	±0.5%T	
Photometric reproducibility	0.3%T	
Stray light	0.1%T (NaNO ₂ at 340nm)	0.1%T (NaI at 220nm, NaNO ₂ at 340nm)
Spectral bandwidth	5nm (1, 2, 4nm optional)	
0%T stability	0.2%T(30min)	
100%T stability	0.001A/30min (at 500nm, after warming up)	
Operation mode	T, A, C, E	
Photometric range	-0.3~3A	
Display	16X2 LCD	
Detector	Silicon Photodiode	
Light source	Tungsten halogen lamp	Tungsten halogen lamp, D2 lamp
Power Requirement	220/110V±10%, 50/60HZ	
Power consumption	100W	120W
Dimensions	530×410×210mm	
Net weight	15kg	16kg

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Corporate & Regd. Office :

Analytical House, # E67 & E68, Ravi Park, Opp. Sainath Park, Vasna Road, Baroda, Gujarat - 390 015. INDIA
Tele : 0265-2253620/2252839 Tele Fax : 0265-2254395 E-mail : info@hplctechnologies.com / info@ais-india.com
Web : www.analyticalgroup.net / www.ais-india.com