

# VIS-7220G/UV-9200

## Spectrophotometer

### FEATURES:

- ◆ Microprocessor control, 16X2 LCD display;
- ◆ Auto zero and auto 100%T adjustment provided;
- ◆ 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;
- ◆ Parameters can be saved for later use; Up to 10 calibration curves can be stored and edited for user's convenience;
- ◆ Standard manual 4-cell holder accommodates cells from 5-50mm and changeable to long path length cell holder of 100mm.
- ◆ Data can be printed out via a printer port;
- ◆ PC control measurement can be achieved via a USB port for more accurate and flexible requirements;



Model	VIS-7220G	UV-9200
<b>Wavelength</b>	320~1100nm	190~1100nm
<b>Wavelength accuracy</b>	±2.0nm	
<b>Wavelength reproducibility</b>	1nm	
<b>Monochromator</b>	Single-beam, C-T type, grating 1200L/mm	
<b>Photometric accuracy</b>	±0.5%T	
<b>Photometric reproducibility</b>	0.3%T	
<b>Stray light</b>	0.1%T(NaNO <sub>2</sub> at 340nm)	0.1%T (NaI at 220nm, NaNO <sub>2</sub> at 340nm)
<b>Spectral bandwidth</b>	2nm (1, 4, 5nm optional)	
<b>0%T stability</b>	0.2%T(30min)	
<b>100%T stability</b>	0.001A/30min (at 500nm, after warming up)	
<b>Operation mode</b>	T, A, C, E	
<b>Photometric range</b>	-0.3~3A	
<b>Display</b>	16X2 LCD	
<b>Detector</b>	Silicon Photodiode	
<b>Light source</b>	Tungsten halogen lamp	Tungsten halogen lamp, D2 lamp
<b>Power requirement</b>	110~240V,50/60HZ	
<b>Power consumption</b>	100W	120W
<b>Dimensions</b>	530×410×210mm	
<b>Net weight</b>	15kg	16kg