

## SYSTRONICS Flashing Xenon Lamp Spectrophotometer

Model : AU 2704X / AU2704XV



### Features:

- Microcontroller based double beam optics
- Large 7" TFT coloured screen display.
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Dual option- Standalone and with included UV software through PC
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- World class interfacing facility through inbuilt USB.
- Wavelength interval (0.1nm, 0.2nm, 0.5nm, 1nm, 2nm, 5nm) as per user choice

### Specifications:

ITEM	DESCRIPTION
Optical System	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	1nm(AU2704X) (0.5/1/2/4/5 in case of AU2704XV)
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all
Wavelength Repeatability	<=0.1nm
Photometric Accuracy	±0.002A (1A) in 1nm B/W and ±0.004A(1A) for >1nm B/W.
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)

Photometric Range	0-200%T, -0.3~3A, 0-9999C (0-9999F)
Stray Light	<=0.03%T@220nm, 360nm
Stability	±0.0003A/h @500 nm
Baseline Flatness	±0.001A
Noise	0.0005A@500nm
Work Mode	T, A, C, E
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)
Wavelength Setting	Auto
Display	7" TFT Coloured screen display
Light Source	High quality flashing Xenon Lamp
Detector	Imported Dual Silicon Photodiode
Cuvette Holder	10mm-2 position and auto 8 cuvette as an option
Output	USB drive, USB host, RS232
Power	AC 220V/50Hz or AC 110V/60Hz
Dimension	810*660*390mm / 880*690*520mm(Variable B/W)
Gross Weight	27kg (AU2704X)/ 45 kg (AU2704XV)
Standard Accessories	10mm quartz cuvette x2, Power cord, User's Manual , PC software

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