



MAX ELECTRONICS (INDIA)

MICROPROCESSOR UV-VIS SPECTROPHOTOMETER (Double Beam) ME-21

TECHNICAL SPECIFICATIONS

WAVELENGTH RANGE	190-1100 nm
SPECTRAL BANDWIDTH	1 nm
WORKING MODE	T,A,C,E
OPTICAL SYSTEM	Double beam
SCANNING SPEED	Fast / Medium / Slow
PHOTOMETRIC RANGE	-0.3 - 3.5 A, 0 to 220 %T
WAVELENGTH ACCURACY	±0.3 nm
WAVELENGTH REPRODUCIBILITY	< 0.10 nm
PHOTOMETRIC ACCURACY	± 0.3% T (0-100% T) ±0.002 A (0-0.1 A)
PHOTOMETRIC REPRODUCIBILITY	< 0.15 % T
STRAY LIGHT	< 0.1% T (NaI. 220nm, NaNO ₂ 340 nm)
BASELINE FLATNESS	± 0.002 A
STABILITY	< 0.001A/h (at 500 nm, after warming up)
NOISE	±0.001A (at 500 nm, after warming up)
DETECTOR	Dual Silicon Photodiode
DISPLAY	6 inches high light blue LCD
POWER	AC: 220V ± 10%, 50 Hz.
DIMENSIONS	630 x 470 x 210 mm
WEIGHT	26 Kg

ACCESSORIES

DESCRIPTION	QUANTITY
GLASS CELLS	16 No.
QUARTZ CELLS	4 Nos.
FUSE	3 Nos.
INSTRUMENT COVER	1 No.
SOFTWARE CD	1 No.
RS 232 CABLE	1 No.
OPERATION MANUAL	1 No.