



The PMDT-01 is a light Weight Hand Held Battery / AC Mains operated Optical Power Meter of Wavelength between 1100nm to 1650nm. This instrument is used for the Testing of Optical Links, during maintenance, installation & Trouble shooting of Optical Links and Optical loss tests. It is manufactured as per the latest state of art technology satisfying world requirements. RS 232C port is provided for on site-documentation using a PC or external control.

PMDT - 01 indicates the Laser Power with CW & Modulated frequencies of 270 Hz, 1KHz & 2KHz.



SPECIFICATIONS:

Wavelength Range	1100nm to 1650nm
Calibrated wave lengths	1100, 1300, 1310, 1550, 1625 nm
Measurement Range:	Max. measurable Power : + 3 dBm, Min. measurable power: - 60 dBm (Protection against high optical input power up to + 10 dBm)
Detectable Modulated Frequencies	270Hz, 1KHz & 2KHz
Resolution	0.01 dB
Accuracy (absolute)	± 0.10 dB (At - 23 dBm at ambient for CW mode)
Linearity	0.05 dB
Level Range Switching	Automatic
Stability/ Repeatability	± 0.1 dB
Zero Adjustment	Automatic
Averaging	Automatic
Sensor Type	In Ga As
Display	16x2 Alpha Numeric Back Light LCD
Displays Parameters like	dBm, dB, wavelength, low battery, out of range and cal. indication etc.
Connector Type	FC-PC/ As per Order
Operating Temp.	-10°C to 50°C
Sleep Mode	Auto Power off: 10 minutes when no key is pressed.
Weight	380 Gms. with Batteries / 0.836 lbs.
Enclosure	ABS Plastic
Power Supply	Type 'AA' rechargeable cells (1.2 Volts x 4 Nos.) AC - DC adaptor Input ~ 85V - 240 V to 6 V @ 200mA
Electro Magnetic Compatibility (EMC)	CISPR-11, IEC-1000-4-2, IEC-1000-4-4, IEC-1000-4-5, IEC-801-3
Dimension	174(L) X 83(W) X 53(H) in mm 6.8"(L) X 3.4"(W) X 2.1"(H)

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