

The PMDT-012A is an optical power meter to measure laser power in the range of 1100 nm to 1650 nm. This instrument is used for testing of optical links during maintenance, installation and troubleshooting, localisation of optical links and optical loss tests.

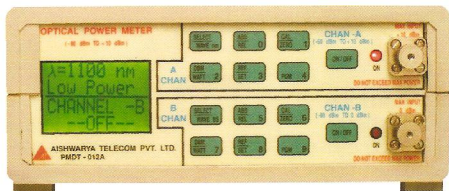
It employs state-of-art-technology and meets all stipulations of TEC - India for Type-A power meter with measurement range of -80 to +23 dBm.

The total measurement range is achieved using two sensors with coverage range of high power measurement from -15 dBm to +23 dBm for Channel -A and high sensitivity measurement from -80 dBm to -10 dBm.

Each channel has its own control key pad and optical power measurement display.

## Features

- Wide measuring range
- PC Interface
- Highly accurate
- 2 channel simultaneous display
- Selectable averaging method
- Resolution setting options 0.01/0.001
- Measurement of entire range in 1 nm steps



## TECHNICAL SPECIFICATIONS

(Combined Channels Capabilities)

Wavelength Range	850 nm to 1650 nm
Measurement Range	
1. Max. measurable power	+23 dBm
2. Min. measurable power	- 80 dBm
Wave length Calibrated Resolution	Auto Calibration for the entire range 1 nm steps 0.01 dB
Accuracy (absolute At -23 dBm at ambient for CW mode)	+/- 0.20 dB
Linearity	+/- 0.05 dB
Level Range Switching	Automatic
Stability / Repeatability	+/- 0.01 dB
Zero Adjustment (Zero adjust when sensor is blocked)	Automatic/Manual
Averaging	Automatic/Selectable
Sensor Type	In Ga As
Display	128x64 graphical with back lit LCD display
Displays Parameters	Optical Power in dBm, dB, Watts, Wavelength, Out of range indication etc.
Connector Type	FC-PC or as per order
Operating Temp	-5°C to +55°C
Power Supply	230 volts + 10% & 230 volts - 15% and 50 Hz ± 2 Hz AC voltage.