



# FIBER OPTIC POWER METER

MODEL - FOPM100

This trainer has been designed with a view to provide practical & experimental knowledge of Fiber optics power meter.



## FEATURES

1. 4 digit 0.01 dB Display Readout.
2. Microprocessor Controlled.
3. 70dB of Measurement Range.
4. dB & dBm Measurement Modes.
5. Non-Volatile Storage of References and Mode Conditions.

## SPECIFICATIONS

- |                             |   |  |
|-----------------------------|---|--|
| 1. Optical Characteristics  | : | TA = 23°C +/- 5°C.   |
| 2. Detector Characteristics | : |  |
| 3. Type                     | : | Germanium, Photo-diode.  |
| 4. Active Diameter          | : | 2 mm.  |
| 5. Spectral Response        | : | 780 nm-1800nm.   |
| 6. NEP (Typ.)               | : | 0.4 pw/Hz/2.   |
| 7. Measurement Range        | : |  |
| Standard                    | : | +5dBm to 6SdBm   |
| Resolution                  | : | 0,01 dB  |
| 8. Accuracy Standard        | : | +/- 0,2SdB (+5dBm to -55dBm),<br>+/- 0,S dBm (-55dBm to -6SdBm).                                 |
| 9. Calibrated Wavelengths   | : | 850nm, 1 3 10nm, l550nm  |
| 10. Calibration Certificate | : | Calibration Certificate as per International standard provided,<br>Environmental Characteristics |
| 11. Operating Temperature   | : | -10°C to +50°C   |
| 12. Storage Temperature     | : | -55°C to +65°C   |
| 13. Power Requirements      | : | Battery Type: 9 V Alkaline<br>Battery Life: 60 Hours   |
| 14. Optical Interfaces.     | : | Universal 2,Smm detector port (FC, ST, SC etc.)  |

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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**Dealer:-**