POWER METER FOR OPTIC FIBERS MONOMODE AND MULTIMODE 850nm-1300nm-1310nm-1490nm-1550nm-1650nm, WITH CONNECTORS FC/SC/ST + RECORDS MODE AND SOFTWARE, USB CONNECTION

SMARTFIBER-PRO

SEEIT
Network Testers

Introduction:

The Optical Power Meter is a high accuracy optical power measurement tool. It tests dynamic range of optical power from +3 to –60dBm with six calibrated wavelengths: 850nm, 1300nm, 1310nm, 1490nm, 1550nm and 1625nm. This Optical Power Meter, it displays a pass or fail result according to the threshold the user has defined. It also has the capability to identify modulate signals (270Hz, 1KHz, 2KHz) simultaneously by the power source for identification purposes. For fast and easy operation in testing the corresponding wavelengths, we recommend the OPTISOURCE as a complete instrument in auto–identifying wavelength of optical power source. It utilizes an InGaAs detector for an improved sensitivity and temperature stability. It also has the capacity to record up to 1000 test data that is up–loadable to a PC via USB connection for easy and convenient report purposes.

Features:

Sensor type : InGaAs.
Auto–identify wavelength indicator 270Hz, 1KHz, 2KHz, (compatibility with OPTISOURCE).
Automatic wavelength detection (when use with OPTISOURCE).
Wavelength: 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm.
Unit : dB, dBm or MilliWatts.
Dynamic range : +3dBm to -60dBm.
Resolution : 0,01dBm.
Accuracy : +/-0,15dBm (+/-1nW) at 1300nm/1310nm/1490nm/1550nm and +/-0,25dBm (+/-2nW) at 850nm/1625nm.
Auto power off for power saving : 30 min. without key pressed.
Connector type: FC/ST and SC.
Optional connectors : LC adapter, 2,5mm/1,25mm adapter.
6 selection modes : TEST/RECO/BROW/SET/ZERO/LIMIT. With self–calibrated ZERO function.

Hardware & Electrical specifications:

Dimensions Receptor : 203 x 107 x 65mm, Weight : 550g.
Need 4 alkalines battery 1,5V type AA LR06 (not include).

Item includes:

257835PRO : Receptor power meter.
3 connectors type FC/ST/SC.
A software for test report.
A protective carrying case.
User manual in English.

Options:

OPTICASE : Carrying case in aluminium for 2 OPTISOURCES + 1 SMARTFIBER or 1 SMARTFIBER-PRO
FA-002   : Adaptater for optical fiber 2,5mm/1,25mm.
FA-1201 : Adaptater FC male to LC female, monomode 9/125µm
FA-1202 : Adaptater FC male to LC female, multimode 62,5/125µm