PM-920 – Optical Power Meter

Description:

The PM-920 optical power meter is designed to measure absolute or relative optical power in optical networks terminated with connectors designed for operation in harsh environment. In cooperation with the LS-920 light source it is designed to meet the tactical military, and broadcast industry demand. The ruggedized aluminium case makes the unit ideal for field operation.

The memory capacity allow storage and uploading of up to 512 measurements. The stored data can be easily exported to Excel, Word or any other application.

PM-920-MM-HMA

Features:

- HMA/HX1080 or LEMO 3K input connector
- Simultaneous measurement of all 2/4 fibers
- Multimode (MM) or Singlemode (SM) application
- Ruggedized aluminium case
- Internal memory
- Firmvare upgrade via USB
- S/N displayed during switch on
- Displayed units: dBm, dB, W
- High dynamic range
- Absolute and Relative optical power measurement
- Powered by built-in batteries
- Built-in charger, Battery status indicator
- Auto Off
- Easy to use with menu navigation

Standard accessories:

- Power charging adaptor
- Traceable calibration certificate
- Soft carrying case

Specifications:

		Note:
Photodetector	1 mm InGaAs	
Working wavelengths	850, 1300, 1310, 1490, 1550, 1625 nm	can be customized
Uncerntainty	± 5%	1310, 1550 nm @ -20 dBm
Resolution	0.1	
Dynamic range	-55 dBm to +10 dBm	1300, 1310, 1490, 1550, 1625 nm
	-53 dBm to +17 dBm	850 nm
Dimensions	145 x 145 x 56 mm	without connectors
Weight	400 g	
Temperature operating	-10 to +50 °C	
storage	-40 to +70 °C	
Humidity (non condensing)	0 – 95%	
Battery working time	> 50 hrs	backlight off
Battery life time	> 5 years	

Ordering Code:

PM-920-MM-XXXX	**HMA2**	HMA Expanded Beam connector
	HMA4	(non-contact optics), 2/4 fibers
PM-920-SM-XXXX	**HX**	HX1080 Expanded Beam (non-contact optics) connector
	XB	X-Boot Expanded Beam connector (non-contact optics)
	3K	LEMO 3K.93C ferrules (fiber optic contact) connector