PM-4212-SI3 Compact 4 port optical power meter

Description:

The PM-4212-SI3 is a 4 port portable optical power meter. The small size does not prevent the optical power meter fulfilling the operational requirements of a full size tester.
The power meter is designed for simultaneous measurement of up to 4 multimode fibers. All four input interfaces are fitted with 3.6 mm Si photo detectors, each with a 13 mm2 working area and with changeable TE-ASP adapters for a wide range of MM fiber connectors.
The tester can be used as standalone power meter or as part of a testing workstation. Communication with control software is through the USB port or an Ethernet network

Features:

- Stand-alone power meter
- USB probe – accessory of Testing Workplace
- Ethernet probe – accessory of Testing Workplace
- Small size, light weight
- 4 channel power meter
- Aluminum case
- MM fibers testing
- Easy changeable connectors for wide applications
- Absolute and Relative optical power measurement
- Ethernet RJ-45 port and USB port:
- for full control via simple commands
- USB port:
- for firmware upgrade
- for charging the battery
- Built-in Li-Pol rechargeable battery
- Battery status indicator, Auto

Specifications:

Ethernet port
The PM-4212 power meter series is assembled with 10/100 Mbps Ethernet port for connection to a local area network. In combination with software the operator can remotely control and measure the network or periodically monitor the link status.

Power Meter	Value	Unit	Note
Photodetector	3.6 mm Si		13 mm2
Working wavelengths	650, 850, 980	nm	

Dynamic range	-65 to +10	dBm	
Uncertainty	± 5	%	
Resolution	0.01		
General specifications	Value	Unit	Note
Dimensions	100 x 105 x 40	mm	with TE-ASP-FC adapter
Weight	280	g	with battery
Operation temperature	-10 to + 50	°C	
Storage temperature	-40 to + 70	°C	
Humidity (non-condensing)	0 to 95	%	
Battery working time	100[1]	hours	3200 mA/h Li-Pol

			
TE-ASP-FC	TE-ASP-LC	TE-ASP-SC	TE-ASP-250

[1] Without Ethernet module

Accessories:

- Power meter
- FC input adapter (TE-ADP-FC)
- USB cable
- Calibration certificate
- _____
- Optional accessories
- Power charging adapter 220 V AC/5 V DC
- Hard carry case TE-HC-01

Ordering code:

PM-4212-SI3	**Compact 4 port optical power meter with TE-ASP-FC adapter**
TE-ASP-SC	SC adapter
TE-ASP-FC	FC adapter
TE-ASP-ST	ST adapter
TE-ASP-LC	LC adapter
TE-ASP-250	Universal 2.5 mm adapter