



BRITICOM

British Pride, Global Power



Fibre Optic Cleaning Tools & Test Equipment

Handheld Power Meter



Product Description

Briticom® power meter with optical light source is used to enable engineers to measure the optical loss in fibre cables.

Features & Benefits

- 2-in-1 laser source – Multi mode & Single mode
- Auto power-off
- Backlight for easy operation in low light
- Modulated Frequency (270HZ, 1K, 2K)
- Light product
- Very easy to use
- Rugged handheld, hard carry case
- Interchangeable adapters
- USB Interface

Applications

- Fibre optic inspection and testing

Technical Specifications

Model	PMHSM70DBK1	PMHSM50DBK1
Sensor Type	InGaAs	
Working Wavelength	800-1700nm	
Calibrated Wavelength	Standard: 850/1300/1310/1490/1550/1825nm Optional: 980nm/1270nm/1577nm/1850nm,etc (Please contact sales for other customized wavelengths)	
Test Range	-70~+10dBm	-50~+28dBm
Accuracy	±0.2dB	
Resolution	0.01dB	
Frequency Detection	270Hz/330Hz/1 kHz/2kHz	
Recognizable Wavelength	850/1300/1310/1490/1550/1825nm* (with FHS2 series laser source)	
Frequency identification range	-40dbm~+10dBm@1550nm	-20dBm~+26dBm@1550nm
Wavelength identification range	-40dbm~+10dBm@1550nm	-20dBm~+26dBm@1550nm
Unit display	dBm/dB/mw	
VFL(Optional)	Working wavelength: 650±10nm Output power: 10mw Working mode: CW/2Hz	
Memory Capacity	999 groups (can be transferred to PC software and generate report)	
Electric port	TYPE-C charging/data port	
Optical port	OPM: FC connector VFL: FC connector	
Power Supply	2*Ni-MH AA battery (Continuous use for 40 hours only OPM mode) Input:AC100~240V. 50/60Hz Output:DC5V/1A	
Working temperature	-10°C~+50°C	
Storage temperature	-20°C~+70°C	
Dimension/Weight	180Lx76Wx45H(mm) / 265g	
Accessories	2*Ni-MH AA battery, FC adapter, SC adapter, Power adapter, USB cable. Test report, Quick guide, Carrying bag	

To Order

To place an order, use the contact details below.



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Handheld Power Meter

Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Product		Fibre Types		Model	
PM	Power Meter	SM	Singlemode	K1	Kit 1
LS	Light Source	MM	Multimode	K2	Kit 2
		MS	Singlemode & Multi-mode	K3	Kit 3
				K4	Kit 4
				K5	Kit 5
▲		▲		▲	
PM	HH	SM	70DB	K1	
	▼		▼		
Benchtop	BC	-70~+10dBm	70DB		
Handheld	HH	-50~+28dBm	50DB		
Type		Measurement Range			

Example Part Number	
Description	Part Number
Power meter handheld single mode -70~+10dBm	PMHSM70DBK1
Power meter handheld single mode -50~+28dBm	PMHSM50DBK1

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