

HOPM-3216 Series
Handheld Optical Power Meter
Technical Specification

Hangzhou Huatai Optic Tech. Co., Ltd

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1.0 PRODUCT DESCRIPTION

HOPM-3216 Handheld Optical Power Meter is our newly designed fiber optic tester, it aims at fiber network installation, fiber network engineering acceptance and fiber network maintenance. Combined usage with HOMP3116 handheld optical light source, it offers a quick and accurate testing solution on both SM and MM fibers. Compared with usual power meters, the HOPM-3216 has more great functions/features of automatic wavelength identification and switching and intelligent backlight control. Also the HOPM-3216 features good appearance, good touch feeling and considerate humanity design.

2.0 PRODUCT FEATURE

- Wave ID—Automatic wavelength identification and switching (when used with HOPM-3116 handheld light source)
- Frequency ID/Tone detection---Automatic frequency identification
- Intelligent backlight control (light intensity can be adjusted properly according to ambient light, which greatly reduced power consumption)
- Data storage function, up to 1000 test records
- USB communication port for saved testing records download
- Reference power level can be set up and stored
- User self calibration function
- Auto-off function can be activated or deactivated.
- AA alkaline and AC adapter for power supply
- Low battery indication

3.0 Technical index

Model	HOPM-3216A	HOPM-3216C
Calibrated (nm)	850, 1300,1310,1490,1550,1625	
Detector type	InGaAs	
Measurement Range (dBm)	-70~+6	-50~+26
Uncertainty (dB)	±0.15 (3.5%)	
linearity (dB)	±0.02	
Display resolution(dB)	0.01	
Frequency ID (Hz)	270,330,1K,2K	
Wave ID (nm)	1310,1490,1550,1625	
Date storage capacity	1000	
Communication Port	USB	
Optical Connector type	FC,SC,ST interchangeable	
Alkaline battery	3*AA,1.5V	
Power Supply Adaptor(V)	8.4	
Battery Operating time (h)	200	
Operation Temperature(°C)	-10~+60	
Storage Temperature(°C)	-25~+70	
Outline size (mm) /weight	180*90*45(250g)	