

General Description:

The FMT-3 series optical multimeter combines a power meter with 6 wavelengths laser source, for optical fiber network installation and maintenance. With the large capacity of data storage, USB interface and PC software, it's very convenient for

field and laboratory testing. 1490nm testing is available to make FMT-3 series capable of testing FTTH network. With the build-in visible laser source, FMT-3 can be used as a Fault Locator.

Features:

- 1.USB interface and PC associated software available
- 2.Loop-back and bi-direction fiber testing
- 3.Auto Power-off
- 4.Data storage
- 5.Build-in rechargeable batteries with low battery indicator



Specifications:

| | | FMT-3A | FMT-3B |
|-----------------------|-----------------------------|---|---|
| Power Meter | Calibration wavelength(nm) | 850/1300/1310/1490/1550 | |
| | Connector | FC/PC | |
| | Data storage(items) | 999 | |
| | Ref. Value | Yes | |
| | Display Units | dB / dBm / mW / uW | |
| | Display precision(dB) | 0.01 | |
| | Accuracy | ± 5%±1nW | ± 5%±10nW |
| | Wavelength Recognition | 1310/1490/1550(input power> -40dBm) | 1310/1490/1550(input power> -20dBm) |
| | Tone Detection | 270 Hz / 1KHz / 2KHz(input power> -40dBm) | 270 Hz / 1KHz / 2KHz(input power> -20dBm) |
| | Power Range(dBm) | -70 to +10 | -50 to +26 |
| Laser Source | Output wavelength (nm) | Port 1 | 650 |
| | | Port 2 | 1310/1490/1550 |
| | | Port 3 | 850/1300 |
| | Connector | FC/PC | |
| | Modulation frequencies | 2 Hz@650nm; 270/1K/2K Hz@1310/1490/1550/850/1300nm | |
| | Output Power | -5dBm@1310/1490/1550/850/1300nm | |
| | Stability Long-term(8h) | ±0.1dB@1310/1550nm; ±0.2dB@850/1300nm/1490; ±0.5dB@ 650nm | |
| | Short-term (15min) | ±0.05dB@1310/1550nm; ±0.1dB@850/1300nm/1490 | |
| | Wavelength Recognizing Code | Yes (@ 1310/1490/1550nm) | |
| | General Specification | Auto Power off | ✓ |
| Power Supply | | AA Ni-MH Battery * 6pcs(Built-in);AC/DC Adaptor | |
| PC interface | | USB | |
| Battery Life | | > 50 Hours (laser off) | |
| Storage Temperature | | -20~+70 | |
| Operating Temperature | | -10~+50 | |
| Relative Humidity | | <90% (Non-condensing) | |
| Dimension (mm) | | 240L×120W×65H | |
| Weight (Gram) | | 640 | |

Ordering Information:

Note: ^① Valid at 1550nm, CW, 23±3°C, Relative Humidity ≤70%, with an FC connector.

Standard Accessories:

Manual, Rechargeable Batteries, Carrying Bag, FC/PC connector, AC/DC Adaptor, PC software, Connecting Cable, Test Report.

Optional Accessories:

ST/PC Connector, SC/PC Connector.



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