

# FPM-350 PON power meter



## Product Characteristics

- The meter test threshold can be set through the management software
- Automatic shutdown (can be cancelled)
- Users can test 1490 in the PON network at the same time nm, 1550nm, 1310nm three wavelengths
- Simultaneously measure and display different PON architectures, data and video signals
- The instrument provides five sets of thresholds to choose from, with pass, warning, and fail modes
- Manual calibration



One-button start



Automatic shut-down



Large-capacity data storage



High-definition color display



Plug and play



3 wavelength detection



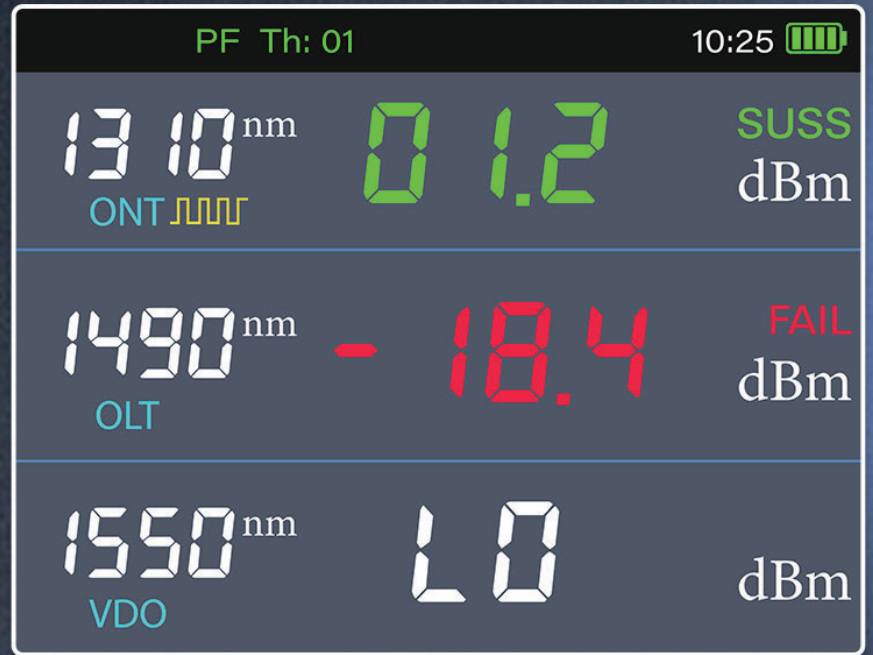
Silicone protective shell



USB connection to computer

## High-definition color display

Rich colors, high-definition display pictures, giving you a fun visual experience



## Features



Anti-fall



Compact



Bracket design

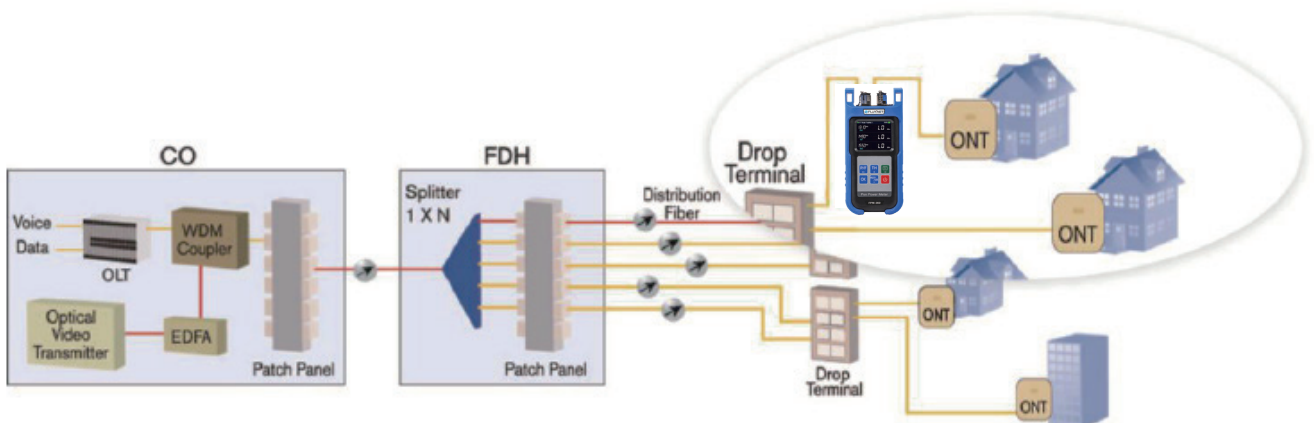


Split protective sleeve

# Products Specification

| Model                                   | PON   |                          |                          |
|---|---|--------------------------|--------------------------|
| Measuring wavelength                    | 1310nm  | 1490nm                   | 1550nm                   |
| Sensor Type                             | InGaAS  |                          |                          |
| Linearity                               | $\pm 0.2\text{dB}@1550\text{nm} \geq -40\text{dBm}$               |                          |                          |
| Isolation<br>With filtering function    | 1490nm Wavelength > 40dB  | 1310nm Wavelength > 40dB | 1310nm Wavelength > 40dB |
|   | 1550nm Wavelength > 40dB  | 1550nm Wavelength > 30dB | 1490nm Wavelength > 30dB |
| Testing range                           | -40dBm~+16dBm   | -50dBm~+16dBm            | -50dBm~+23dBm            |
| Insertion loss in penetration mode (dB) | Less than 1.5dB   |                          |                          |
| Measurable optical frequency broadband  | 1260~1360   | 1480~1500                | 1539~1565                |
| Inherent uncertainty                    | 0.5dB $\pm$ 1nW@1550nm  |                          |                          |
| Display resolution                      | 0.01dB  |                          |                          |
| Threshold setting                       | 5 groups are set by the host computer                             |                          |                          |
| Calibration wavelength                  | 1310nm/1490nm/1550nm  |                          |                          |
| Data storage                            | 900 groups  |                          |                          |
| Operating temperature                   | -10°C~+50°C   |                          |                          |
| Relative humidity                       | 0%~95%RH  |                          |                          |
| Interface type                          | SC/UPC or SC/APC  |                          |                          |
| Power supply                            | 3 AA batteries  |                          |                          |
| Standard packaging                      | Description   |                          |                          |
| TPN-35                                  | TPN-35 main machine, USB line, warranty card, user guide, package |                          |                          |

## FTTH network



# Product display

