# FPM-30V

## Optical Power Meter and VFL

The FPM-30V series are new members of FibreOptica's Optical Power Meter family, an all in-one test and measurement solution for fiber optic network commissioning, fault location/restoration and maintenance.

The power meter completes signal level and end-to-end loss testing. In addition, its Visual Fault Locator (VFL) function enables user to quickly locate fault points within the OTDR dead-zone and identify the quality of mechanical splicing and specific optical fibers within a cable. With the single-port tester, user can conveniently complete all tests without switching test port. It is suitable for various types of fibers such as G.652/G.657.

## Specifications

| Model | FPM-30VA | FPM-30VB | FPM-30VC |
|---|---|---|---|
| Calibration Wavelength | 850/1300/1310/1490/1550/1625nm | | 1490/1550nm |
| Interface | Dual Port | | Single Port |
| Connector Type | FC/UPC, SC/UPC or ST/UPC | | |
| Detector Type | InGaAs | | |
| Relative Accuracy | 0.1dB | | |
| Uncertainty | ±0.5dB | | |
| Resolution | 0.01dB | | |
| Linearity | ≤ ±0.03dB | | |
| Auto Power Off | Yes (10 min) | | |
| Back-light | Yes | | |
| Reference Value | Yes | | |
| Measuring Range (dBm) | -70 ~ +10 | -50 ~ +30 | -60 ~ +3 |

## Key Features

- The cost-effective palm size test set designed for field troubleshooting
- Easy-to-use interface
- Optical Power Meter and VFL integrated in one unit (single port and dual ports)
- Allows performing both optical signal level/loss measurements and Fiber faults tracing visually.
- VFL and Optical Power Meter all in one test set is an ideal tester used in quickly mechanical splicing and FTTx networks at subscriber side.
- Interchangeable connector FC, SC and ST
- Support power saving and backlit

## VFL Function

| | |
|---|---|
| Wavelength | 650nm |
| VFL output power | 1mW |

## General

| | |
|---|---|
| Operating Temperature | -10 ~ +60°C |
| Storage Temperature | -25 ~ +70°C |
| Power Supply | 3pcs AA batteries |
| Battery Life (OPM) | 180 hours |
| Battery Life (VFL) | 60 hours |
| Dimension (mm) | 192 (H) x 102 (W) x 50 (D) |
| Weight | 700g with batteries |

*Note: Specifications subject to change without notice*

## Standard Package

- Main Unit
- FC, SC or ST connectors
- Cotton swabs
- Operating Manual
- Soft carrying case

## Related Products

FPM-20 series
FPM-21/22 series

## Ordering Information

FPM-30VX
X – Model Type (A, B or C)

## Options

| Part Number | Descriptions |
|---|---|
| Connector-Set | A connector set of FC, SC and ST |
| **Hybrid Adapters** | |
| MFA-FCLC | FC (Male) to LC (Female) |
| MFA-SCLC | SC (Male) to LC (Female) |
| MFA-STLC | ST (Male) to LC (Female) |
| Other types of connectors - Upon request | |
| Hard-case | Aluminum carrying case |