

Optical Power Meter

Benefits:

- Compact and lightweight
- Easy to operate
- High sensitivity and power capability
- Ideal for both single mode and multimode
- Bright/lit display screen



Ideal Applications:

- Telecom, CATV, and Data Center networks
- Engineering & test laboratories
- Education/Training

The **OPM-3034** series Optical Power Meters offer hand held, user-friendly tools for engineers testing and maintaining fiber optic products & networks. Both compact and rugged, these instruments have high sensitivity and power capability. In addition, they provide a minimum 65dB dynamic range and data is shown in mW, dB, or relative on a back lit display.

Ideal for single mode and multimode testing (800-1650nm), use is easy and straightforward with only six keypad buttons to operate. All models come complete with batteries, carrying case, and one interface adapter of choice (SC/FC/ST).

Model Number	OPM-3034B	OPM-3034C
Detector Type	InGaAs	InGaAs
Calibrated Wavelengths (nm)	850, 980, 1310, 1550 λ	850, 980, 1310, 1550 λ
Power Range	-60~ +10 dBm	-40 ~ +27dBm
Absolute Accuracy (Calibrated)	< ± 0.2 dB	< ± 0.2 dB
Linearity	< ± 0.2 dB	< ± 0.2 dB
Display Units	nw, uw, mw, dBm, and dB	nw, uw, mw, dBm, and dB
Repeatability	< 0.1 dB	< 0.1 dB
Display Resolution	Logarithm: 0.01 dB, Linear: 0.1 %	Logarithm: 0.01 dB, Linear: 0.1 %
Adapters	FC Standard; SC/ST Option	FC Standard; SC/ST Option
Data Storage in EEPROM	One reference data point per λ	One reference data point per λ
Operating Temperature	0 - +40 C, 0 ~ 95% RH	0 - +40 C, 0 ~ 95% RH
Storage Temperature	-10 ~ +60 C, 0 ~ 95% RH	-10 ~ +60 C, 0 ~ 95% RH
Battery	2 Each AA or AC/DC Transformer	2 Each AA or AC/DC Transformer
Working Life	≥ 48 Hours	≥ 48 Hours
Size and Weight	110X68X27 mm (case not included)	110X68X27 mm (case not included)