Power Meter OPM DT-22

Optical Power meter

Power Meter OPM DT-22

Variants

DT-OPM-22

Details

The **D-TECH DT-OPM-22 Optical Power Meter** is a professional optical testing instrument designed for FTTH deployment, telecom maintenance, ISP operations, CATV systems, and fiber optic troubleshooting. Equipped with a high-performance **InGaAs detector**, it provides accurate and stable optical power measurements across a wide wavelength range.

Available in both **Standard** and **High Range** versions, the DT-OPM-22 offers excellent measurement accuracy, long battery life, and a compact portable design suitable for field engineers and network technicians.

Wavelength Range

800~1600nm

Battery Life

130+ Hours

Detector

InGaAs

Weight

200g

Key Features

? High-precision InGaAs optical detector

? Wide wavelength support from 800nm to 1600nm

? Standard and High Range measurement models available

? Long battery operation up to 130+ hours

? Auto power-off function for energy saving

? Compact handheld design for field operation

Technical Specifications

Parameter	DT-OPM-22 Standard	DT-OPM-22 High Range
Wavelength Range	800 ~ 1600 nm	800 ~ 1600 nm
Detector Type	InGaAs	InGaAs
Measurement Range	-70 ~ +6 dBm	-50 ~ +26 dBm

Parameter	DT-OPM-22 Standard	DT-OPM-22 High Range
Uncertainty	±0.15 dB	±0.15 dB
Accuracy	Linear 0.1% / Nonlinear 0.01 dBm	Linear 0.1% / Nonlinear 0.01 dBm
Operating Temperature	-10°C ~ +60°C	-10°C ~ +60°C
Storage Temperature	-25°C ~ +70°C	-25°C ~ +70°C
Auto-off Time	10 Minutes	10 Minutes
Operating Time	?130 Hours	?130 Hours
Battery	3 × AA (1.5V)	3 × AA (1.5V)
Weight	200 g	200 g
Dimensions	152 × 74 × 26 mm	152 × 74 × 26 mm

Applications

- FTTH Installation
- Fiber Maintenance
- ISP Networks
- Telecom Systems
- CATV Networks

Optical Network Testing

Available Versions: DT-OPM-22 Standard (-70~+6 dBm) and DT-OPM-22 High Range (-50~+26 dBm) for different optical network testing requirements.

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