Deviser Optical Power Meter

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Variants

EP710B

Details

The **Deviser EP710B Optical Power Meter** is a versatile all-in-one handheld fiber optic testing device designed for professional installation, maintenance, and troubleshooting of CATV, FTTx, and PON networks.

It integrates an **Optical Power Meter**, **Light Source**, and **Visual Fault Locator (VFL)** in one compact tool, helping technicians perform accurate optical power measurement, signal testing, and fiber fault detection in the field.

Measurement Range

-50 ~ +26 dBm

Accuracy

±0.17 dB

VFL Output

1mW

Battery Life

100h+

Key Features

? Optical Power Meter, Light Source and VFL in one device

? Wide measurement range from -50 to +26 dBm

? High accuracy up to ±0.17 dB / ±3%

? Multiple calibrated wavelengths for fiber testing

? Auto wavelength detection support

? Tone detection at 270Hz, 1kHz and 2kHz

? Long battery life for field operation

? Compact handheld design under 300g

Technical Specifications

Parameter	Specification
Product Type	Optical Power Meter + Light Source + Visual Fault Locator

Parameter	Specification
Measurement Range	-50 to +26 dBm
Accuracy	±0.17 dB (±3%)
Resolution	0.01 dBm (dBm, mW, µW, nW)
Calibrated Wavelengths	850 / 980 / 1300 / 1310 / 1490 / 1550 / 1610 / 1625 / 1650 nm
Auto Wavelength Detection	850 / 1310 / 1490 / 1550 / 1610 nm
Tone Detection	270 Hz / 1 kHz / 2 kHz
Connector Type	FC / SC Default, ST / LC Optional
Visual Fault Locator	1mW Output
Power Supply	2 × AA Batteries / AC 100–240V with DC 5V Adapter
Battery Life	>100h Power Meter / >40h Light Source / >10h VFL
Operating Temperature	-10°C to +60°C
Dimensions	185 × 85 × 45 mm
Weight	300 g without batteries

Applications:

CATV Network Testing • FTTx Installation • PON System Maintenance • Optical Power Measurement • Fiber Troubleshooting • Telecom Field Testing • ISP Maintenance • Data Center Fiber Testing

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