

## OPT-3200 Optical Power Meter



Figure1: connect with FC



Figure2: connect with SC

OPT-3200 handheld optical power meter is a compact and an easy-to-use testing instrument for optical fiber networks, manufactured by Ruiyan Company which can be used for absolute optical power measurements as well as for relative loss measurements in optical fibers. It features ingenious appearance, wide range of power measurement, high accuracy and user self-calibration function with high performance-to-price ratio.

### Features

- ✧ User self calibration function;
- ✧ Comfortable LCD display and optional backlight LCD display supports;
- ✧ night operation;
- ✧ Power measurements in dBm or mw and insertion loss in dB;
- ✧ Low battery consumption, more than 240 hours continual operation time for three 1.5V alkaline batteries;
- ✧ Optional 10 minutes Auto-off function

### Specifications

| Model                   | OPT-3200 A  | OPT-3200B |
|-------------------------|-------------|-----------|
| Wavelength(nm)          | (650~1650 ) |           |
| Detector                | InGaAs      |           |
| Measurement Range (dBm) | -70~+10     | -50~+26   |
| Uncertainty             | +5%         |           |

|                           |  |
|---------------------------|--|
| Calibrated Wavelength(nm) | 850,980,1300,1310,1490,1550, 1625  |
| Resolution(dB)            | Linear 0.1% or Non-linear 0.01dBm  |
| Optical Connector         | FC/ Universal 2.5mm adapter (FC,SC,ST interchangeable connector can be optional) |
| Power Supply              | Alkaline Battery(3 AA 1.5V batteries)  |
| Battery Operating Time    | 240 h with 1.5V Battery(3)   |
| Operating Temperature(°C) | -10 ~ +60  |
| Storage Temperature(°C)   | -25 ~ +70  |
| Relative Humidity         | 0 to 95% (non-condensing)  |
| Dimension(mm)             | 152x74x26  |
| Weight                    | 290 g  |

**Notice:**

1. Range of wave length: a standard working wave length that we specified:  $\lambda_{min} - \lambda_{max}$ , the optical power meter within this range can work well with all indicators meeting requirements.
2. Measurement range: the maximum power that the meter can measure as per required indicators.
3. Uncertainty: the error between the test results and standard test results over a popular optical power.

**Applications**

- ✧ Maintenance in Telecom;
- ✧ Maintenance CATV;
- ✧ Test Lab of optical fibers;
- ✧ Other Fiber Optic Measurements.

**Package Contents:**

- ✧ 3200A/B Optical Power Meter
- ✧ Universal Adapter
- ✧ User Manual
- ✧ Cotton swabs
- ✧ Warranty card

