



# Precision Rated Optics

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## PRO - 200 Series Light Sources



LS-202X Light Source

The LS200 series offer excellent stability and portability for accurate fiber optic testing. Single output port provides stable laser power at dual wavelengths. The compact unit operates in either continuous wave (CW) mode or modulated mode. The output power is adjustable through up & down keystroke. A low battery indicator reminds the user of recharging the battery

### Auto-Wavelength Recognition

LS200 units can transmit with a wavelength-identification digital encrypted protocol, enabling the PM204 Power Meters to automatically use the proper calibration parameters. This feature reduces the need for communication between the two technicians and decreases the potential for error.

### Features:

- Easy-to-use, straight forward operation
- Eye-catching handheld package
- LCD backlight for easy operation in darker environments
- Rechargeable batteries included
- Three-year warranty and recommended calibration interval

### Standard Accessories:

- FC/PC, SC/PC, ST/PC interchangeable connector
- Carrying Bag
- User Manual
- Worldwide compatible AC/DC power adaptor
- Battery
- Test report

### Optional Accessories:

- FC/APC Connector
- SC/APC Connector

## SPECIFICATIONS

|                               | LS-201Q  | LS-202X             | LS-201T  | LS-202T  | LS-202D   | LS-203D    |
|-------------------------------|--|---------------------|--|--|---|------------|
| <b>Output wavelength (nm)</b> | 850/1300/1310/1550   | 1310/1490/1550/1625 | 1310/ 1490/ 1550   | 1310/ 1550/ 1625   | 1310 & 1550   | 850 & 1300 |
| <b>Emitter Type</b>           | LD   |                     |  |  |   |            |
| <b>Connector</b>              | FC/PC, SC/PC, ST/PC interchangeable connectors (APC is available at the time of ordering)  |                     |  |  |   |            |
| <b>Output stability</b>       | Short Term (15 min.): < ±0.05dB @ 1310,1550nm and ±0.1dB@850 & 1300<br>Long Term (8 Hours): < ±0.1dB @ 1310,1550nm and ±0.2dB@850 & 1300 |                     | Short Term (15 min.):<br>< ±0.05dB @ 1310,1550nm; ±0.1dB @ 1625nm<br>Long Term (8 Hours):<br>< ±0.1dB @ 1310,1550nm; ±0.2dB @ 1625nm | Short Term (15 min.):<br>< ±0.05dB @ 1310,1550nm<br>Long Term (8 Hours):<br>< ±0.1dB @ 1310,1550nm | Short Term (15 min.):<br>< ±0.1dB @ 850, 1300nm<br>Long Term (8 Hours):<br>< ±0.2dB @ 850, 1300nm |            |
| <b>Central Wavelength</b>     | ± 20nm   |                     | 1310±20 & 1490±20 & 1550±20  |  | 1310±20 & 1550±20   |            |
| <b>Spectral Width</b>         | 5 nm   | 5 nm                | 5 nm   |  | 5 nm  | 5 nm       |
| <b>Output Frequency (Hz)</b>  | 270, 1000, 2000  |                     |  |  |   |            |
| <b>Output Power</b>           | -5 dBm   |                     |  |  |   |            |
| <b>Operating Temperature</b>  | -10°C to 50°C  |                     |  |  |   |            |
| <b>Storage Temperature</b>    | -20°C to 70°C  |                     |  |  |   |            |
| <b>Power supply</b>           | 2pcs * Ni-MH AA(2500mAh)   |                     |  |  |   |            |
| <b>Dimension (mm)</b>         | 160L * 76W * 45H   |                     |  |  |   |            |
| <b>Weight</b>                 | 270g   |                     |  |  |   |            |