

## PRODUCT OVERVIEW

Photonix Hybrid series test kits are comprised of TECHLITE™ series meters coupled with basic LANLITE™ series sources.

As with all Photonix test instruments, the internal circuitry is housed within an aluminum extrusion with high impact rubber bumpers. In addition, the instruction guide is fully laminated to make it weather-resistant and virtually tear-proof.

The TECHLITE™ meter, in relative measurement mode, will store the zero reference reading for all four wavelengths independently in non-volatile memory. This allows all zero references to be taken at one time and also allows the unit to be turned off while moving between locations preserve battery life. Also in relative mode, the meters will also display a 1dB analog type deviation pointer and an mini-display for real time splice tuning. The TECHLITE™ meters utilize a graphic LCD screen to create unusually large and easy to read numbers as graphics to indicate power levels.

The included LANLITE™ LED source offers advanced temperature and coupling stability to provide superior test accuracy.

The meter is powered by either four AA alkaline batteries or an AC wall pack with four AA NiMH cells (both the wall pack and NiMH cells are included). In addition to standard charge mode, the units feature an emergency quick charge mode that allows the user to charge the batteries in approximately 4 hours.

The source is powered by a single cartridge loaded 9V battery.



PX-B200



PX-C100



**MADE IN USA**

Distributed by:  
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Note: Photos may vary from actual product

## FEATURES

- Meter: 850nm / 1300nm / 1310nm / 1550nm
- LED Source: 850nm
- Source: ST style port
- Crush resistant aluminum bodies
- 0.01 dB Meter resolution
- Interchangeable meter adapters
- Built in quick charger
- Sealed waterproof carry case
- Two year warranty
- Temperature stabilized output

## SPECIFICATIONS

### POWER METER PX-B200

| Parameter                | Value  |
|--------------------------|--|
| Detector                 | Germanium  |
| Wavelength               | 850,1300,1310,1550nm                                   |
| Fiber Type               | SM and MM  |
| Power Range(1300-1550nm) | +3 to -60dBm   |
| Power Rance(850nm)       | +8 to -55dBm   |
| Resolution               | 0.01dB   |
| Accuracy                 | +/-0.25dB  |
| Battery Power            | US 120VAC 60Hz(inc),<br>NiMH 4-AA(inc),<br>or Alkaline |

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### LED SOURCE PX-C100

| Parameter       | Value           |
|-----------------|-----------------|
| Emitter         | LED             |
| Wavelength      | 850nm           |
| Pmin            | -20dBm          |
| Stability(8hr)  | +/- .05/.08dB   |
| Bandwidth (typ) | 50/170nm        |
| Modulation      | 30Hz,500Hz,2kHz |
| Battery Power   | 9V battery      |

### ALL PRODUCTS

| Parameter      | Value                |
|----------------|----------------------|
| Operating Temp | -5°C to 45°C         |
| Storage Temp   | -10°C to 60°C        |
| Humidity       | 10% to 90% non-cond. |
| Battery Life   | 10 Hours(typ)        |