

Features

- ✧ General purpose stable optical laser source for laboratory or field
- ✧ TP 220 – 1310nm laser
TP 240 – 1490nm laser
TP 250 – 1550nm laser
- ✧ Fiber Identification 2kHz generator for use with 2kHz receive probe (RP 400) or with non-invasive optical fiber identifiers
- ✧ Compact pocket size, rugged custom design for field or laboratory

Description

Optical Design Manufacturing Inc. manufactures a range of easy to use optical laser sources for quick and easy loss or verification testing on optical networks. These stable transmit probes offer 1310nm, 1490nm and 1550nm laser output wavelengths.

The TP 2x0 used with the RP 440 power meter provide loss measurements or 2kHz fiber identification. At the splice location the technician identifies the correct fiber by inserting the fiber directly into the RP 440 or by using the ID 100 non-invasive fiber identifier accessory. Please visit our web site www.odm-inc.com for more details on this powerful 2kHz tone identifier test kit.

Power to the unit is via a top mounted ON/OFF pushbutton. Low battery LED indication alerts the user to replace the battery. For extended use ODM offers a factory installed AC power outlet and AC adapter.



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|-------------------------------|---|------------------------------|---|
| Wavelength | TP 220 - 1310nm laser TP 240 - 1490nm laser TP 250 - 1550nm laser | Power On | ON/OFF Pushbutton |
| Optical Output Power | - 4.0 dBm typical, all models | Battery | 1000 operations, 3.0V, CR2 |
| Output Power stability | +/- .1dB | Low Battery | LED Indication |
| Optical Interface | SC connector | Operating Temperature | - 10° C to + 55° C |
| Tone Output | 2kHz modulation | Storage Temperature | - 30° C to + 70° C |
| | | Weight | 3.0 oz (85g) |
| | | Physical | 6.10in (15.5cm) H .940in (2.38cm) W .750in (1.90cm) D |

Ordering Information



| <u>Part #</u> | <u>Description</u> |
|---------------|---|
| TP 220 | Transmit Probe, 1310nm laser, includes battery and SC connector |
| TP 240 | Transmit Probe, 1490nm laser, includes battery and SC connector |
| TP 250 | Transmit Probe, 1550nm laser, includes battery and SC connector |

Optional Accessories

For combined power meter/ light source test kits call Optical Design Manufacturing Inc. or visit our web site www.odm-inc.com

| <u>Part #</u> | <u>Description</u> |
|---------------|------------------------------------|
| RP 420 | Receive optical verification probe |
| RP 440 | Receive optical power meter |
| AC 050 | AC power adapter |
| AC 010 | Single instrument pouch |

Note: THESE PRODUCTS COMPLY WITH 21 CFR 1040.10 & 1040.11