

Loss Test Set series LTS-UP32

INTRODUCTION

Optical Loss Test Set is a universal rugged optical multimeter combining a light source and a power meter in a single unit for multimode or singlemode fiber testing for lab, installation, maintenance and troubleshooting routines.

Incorporates all the outstanding features of handheld light source (OLS-UP30A-2L) and power meter (OPM-UP50 series) with optional visible light source. Can be used as regular optical power meter with 7 calibrated wavelengths: 850, 980, 1300, 1310, 1490, 1550, 1625nm.

Measurement results can be saved in the device (1000 records, date&time stamped) or be uploaded to PC via USB cable. Weighing only about 300 grams, this instrument is ideal for field use.

FEATURES

- ✦ Robust, shock-proof and splash-proof design for field operation,
- ✦ Large 2.4" TFT LCD display with backlight function,
- ✦ Dual MM 850/1300 or SM 1310/1550nm light source,
- ✦ Power meter with 7 calibrated wavelengths (850, 980, 1300, 1310, 1490, 1550, 1625nm),
- ✦ Wave ID Auto wavelength identification & switching,
- ✦ Frequency ID - auto frequency identification,
- ✦ 10, 30 or 60 minutes Auto-off function,
- ✦ User self calibration function.

SPECIFICATIONS

| Model | LTS-UP32-2LM | LTS-UP32-2L | LTS-UP32-2LV |
|-----------------------------|--|-------------|---------------------------|
| Light source | 850 / 1300 | 1310 / 1550 | 1310 / 1550 + 650 visible |
| Calibration wavelength [nm] | 850, 980, 1300, 1310, 1490, 1550, 1625 | | |
| Detector type | φ0.3mm InGaAs | | |
| Measurement range [dBm] | -50~+26 | | |
| Uncertainty [dB] | ±0.15 (3.5%) | ±0.2 (5%) | |
| Linearity [dB] | 0.01 | | |
| Display resolution [dB] | 0.01 | | |
| Frequency ID [Hz] | 270, 1k, 2k | | |
| Optical connectors | Light Source: fixed FC; Power Meter: FC/SC/ST/LC interchangeable | | |
| Battery operating time [h] | ~15 | | |
| Operating temp. [°C] | -10~+60 | | |
| Storage temp. [°C] | -25~+70 | | |
| Dimensions [mm] | 190 x 100 x 48 | | |
| Weight [g] | 280 | | |



ORDERING INFORMATION

LTS-UP32 set includes:

- ✦ Loss Test Set
- ✦ FC thread-on style adaptor
- ✦ User Guide
- ✦ Carry pouch + strap
- ✦ AC power adaptor
- ✦ Interface adaptors cleaning sticks
- ✦ SC, ST, LC thread-on style adaptors optional

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