# UPM 100

## USB Optical Power Meter

**The UPM 100** USB Power Meter is used with VeEX software to capture dB loss readings in optical fiber systems.

The UPM 100's compact size and "plug and play" configuration make it the perfect tool for loss testing at any site; simply plug it into your computer's USB port and begin testing.

Compatible with VeEX Image Management Software (IMS), the UPM 100 transmits a continuous stream of data, refreshing every second to ensure the most accurate reading possible. Users can save readings based on carrier or build-specific guidelines, and results displayed in red or green help testers easily identify acceptable and unacceptable dB loss measurements.

The UPM 100 is fully compatible with VeEX VePAL 300 series test sets and IMS applications, allowing for wireless inspection and testing with a smartphone or tablet.

## Platform Highlights

- Transmit live dB loss readings via USB 2.0 for storage and closeout reporting
- Compact size; fits in your pocket
- Plug-and-play design – no drivers or installation necessary
- Use with VeEX's PA 250 to transmit readings via WiFi

# Specifications

| | UPM 100-02 | UPM 100-04 |
|---|---|---|
| **Wavelength Range** | 850 nm to 1625 nm | 850 nm to 1625 nm |
| **Measurement Range** | +3 to -60 dBm | +23 to -45 dBm |
| **Resolution** | 0.01 dB | 0.01 dB |
| **Absolute Accuracy*** | +/- 0.25 dB | +/- 0.25 dB |
| **Detector Type** | Ge | Filtered InGaAs |
| **Optical Interface** | Universal 2.5 mm (Order 1.25 mm or screw-on adapters separately) | Universal 2.5 mm (Order 1.25 mm or screw-on adapters separately) |
| **Tone Identification** | 2 kHz incoming signal, audible alert | 2 kHz incoming signal, audible alert |
| **Storage** | External storage on PC | External storage on PC |
| **Data Transfer** | USB 2.0 | USB 2.0 |
| **Dimensions** | 3.75”L x .75”W x .75”H | 3.75”L x .75”W x .75”H |
| **Weight** | 0.5 lb | 0.5 lb |

**Accuracy measured at -10 dBm and 25 degrees Celcius, all other specifications are at 25 degrees Celcius*

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