

YAMASAKI TPU1

Intelligent Power Meter

Reliable, Quick and Easy to use.

Detect Wavelengths, Tone and Power.



Network Certification Made Simple.

The Yamasaki TPU Series Intelligent Power Meter is the latest design in Multiple Wavelength Optical Power Meter Technology. The InGaAs detector is pre-calibrated for 850, 1300nm for Multimode and 1310, 1490, 1550nm and 1625nm for Single-mode wavelengths. The TPU series supports Wave ID which allows the power meter to automatically detect the incoming wavelengths transmitted by the TLU series Laser Source and adjusts itself accordingly.

Additionally the TPU series has the ability to identify tones generated at 270Hz, 330Hz, 1KHz and 2KHz to assist in fault finding and fiber location. The internal memory holds up to 1000 results which can be downloaded through the USB port and onto the PC with the included reporting software.

The Yamasaki TPU Fiber Optic Light Source also features an ambient light sensor which allows the LCD to automatically adjust to the brightness of your surroundings.

Features:

- Calibrated Wavelengths: 850, 1300, 1310, 1490, 1550 and 1625nm
- Tone Detect 270Hz, 330Hz 1KHz and 2KHz
- Universal FC, SC, ST connector included.
LC adaptor available
- Ambient Light Sensor and Ultra-Bright Display
- Results in dBm, dB and nW
- Include USB Cable and Software CD
- AC Adaptor
- Power Save Feature
- Instruction Manual
- 12 Month Warranty
- 180x90x45mm @ 250g



YAMASAKI TPU1

Model	TPU1
Calibrated (nm)	850, 1300, 1310, 1490, 1550, 1625 (nm)
Detector Types	InGaAs
Measurement Range (dBm)	-70~+6
Uncertainty (dB)	±0.15 (3.5%)
Linearity (dB)	±0.02
Display Resolution (dB)	0.01
Frequency ID (Hz)	270, 330, 1K, 2K
Wave ID (nm)	1310, 1490, 1550, 1625 (nm)
Date Storage Capacity	1000
Communication Port	USB
Optical Connector Type	FC, SC, ST Interchangeable
Alkaline Battery	3* AA, 1.5 V
Power Supply Adaptor (V)	8.4
Battery Operating Time (h)	200
Operation Temperature (°C)	-10~+60
Storage Temperature (°C)	-25~+70
Outline Size (mm)/Weight	180*90*45 (250g)

Recommended for use with:

TLU1	Intelligent SM/MM Laser Source 850, 1300, 1310, 1550
TLU2	Intelligent MM Laser Source 850, 1300
TLU3	Intelligent SM Laser Source 1310, 1550
TLU4	Intelligent SM Laser Source 1310, 1550, 1625
TLU5	Intelligent SM Laser Source 1310, 1490, 1550
TLU6	Intelligent SM Laser Source 1310, 1490, 1625
TLU7	Intelligent SM Laser Source 1310, 1490, 1550, 1625

Ordering Code:	Measurement Range:
TPU1	-70~+6 (Standard)
TPU1A	USB (-50~+26)



YAMASAKI
Optical Technology

More information and details visit
www.yamasakiot.com

Specifications and descriptions are
subject to change without prior notice.

To contact us, please email:
sales@yamasakiot.com