

# ST800K-UD Optical Power Meter



**SENER.**  
ST800K-UD  
Optical Power Meter

## GENERAL:

ST800K-UD Optical Power Meter is a new generation, high performance and handheld optical network tester which adopts the latest precision laser exploration and processing technology. It is a composite optical power meter aimed at opening, maintenance, equipment research and development of optical network. It stays small dimension design for easy carrying but has new features for wider power measurement, higher accuracy and have date and time display on the screen. It is calibrated at a large number of wavelengths to enable power measurements on a wide range of Singlemode and Multimode fiber optic cable systems. The ST800K-UD optical power meter defines a new industry standard for installing, testing, and maintaining single mode and multimode networks and cables.

## FEATURES:

- ▶ **Built-in 650nm VFL (Visual Fault Locator)**
- ▶ One-hand operation in the field
- ▶ Multi-wavelength precise measurement
- ▶ Absolute power measurement in dBm or W
- ▶ Relative power measurement in dB
- ▶ 270, 330, 1k, 2kHz identification
- ▶ SC, FC, ST and LC interchangeable connector
- ▶ Date & time display
- ▶ Low voltage indication
- ▶ Automatic power off when too low voltage or without any operation in 10 minutes
- ▶ 1000 groups of data storage
- ▶ Large LCD display with backlight
- ▶ USB data upload
- ▶ Built-in rechargeable battery
- ▶ Standard package: including ST800K-UD with rechargeable battery, Charger, SC/FC/ST/LC connector, Cotton stick, USB cable, Management software CD, and User manual

## SPECIFICATIONS:

<b>Detector Type</b>	InGaAs
<b>Wavelength Range (nm)</b>	800 to 1700
<b>Power Range (dBm)</b>	+10 to -70
<b>Calibrated Wavelength (nm)</b>	850, 1300, 1310, 1490, 1550, 1625
<b>Uncertainty</b>	±5%
<b>Resolution</b>	Linearity: 0.1%    Logarithm: 0.01dBm
<b>Unit</b>	dB / dBm / W
<b>Data Storage</b>	1,000 groups
<b>Connector</b>	SC, FC, ST, LC
<b>Data Port</b>	USB
<b>Battery</b>	Li-ion rechargeable battery
<b>Battery Life (h)</b>	>75
<b>Auto Power Off Time (min)</b>	10
<b>Operating Temperature (°C)</b>	-10 to +50
<b>Storage Temperature (°C)</b>	-30 to +60
<b>Dimension (mm)</b>	200x90x43
<b>Weight (g)</b>	430 (without batteries)