

## Specifications

Platform	
Display	10.4-inches TFT color touch screen Resolution: 800 x 600
Interfaces	3 x USB 2.0 ports 1 x mini-USB 2.0 port RJ45 LAN 10/100/1000 Mbps Built-in Bluetooth (optional) Built-in WiFi 802.11 b/g/n (optional)
Internal memory	2 GB (128 MB for storage)
Batteries	Two rechargeable Li-ion (total of 200 W.h)
Power supplies	
Standard	AC/DC adapter, input 100–250 V, 50–60 Hz, output 24 VDC, 6.25 A max., Electrical safety: EN60950 compliant
High power	AC/DC adapter, input 100–250 V, 50–60 Hz, output 21 VDC, 10.5 A max., Electrical safety: EN60950 compliant
Size with battery pack (W x H x D)	326 x 267x 93 mm (12.8 x 10.5 x 3.6 in)
Weight with 2 batteries	4.280 kg (9.44 lbs)
Temperature	
Operating	–20 to +50°C (–4 to 122°F)
Storage	–20 to +60°C (–4 to 140°F)
Relative humidity	0 to 95% non condensing
Built-in power meter <sup>1</sup> (optional)	
Calibrated wavelength	850, 1310, 1490, 1550, 1625, 1650 nm
Wavelength range	800 to 1650 nm in 1 nm steps
Accuracy <sup>2</sup>	± 0.2 dB
Measurement range <sup>3</sup>	+5 to –50 dBm
Maximum resolution	0.01 dB/0.01 nW
Connector type	Universal push/pull (UPP)
Visual fault locator (VFL) (optional)	
Wavelength	650 nm
Emission mode	CW, 1 Hz
Laser class	Class 2 as per standards EN60825-1 and FDA21 CFR Part 1040.10
Optical talk set (optional)	
Dynamic range	45 dB (typical)

1. At 25°C after 20 minutes stabilization time and after zero setting
2. At calibrated wavelength (except 1650 nm)
3. –45 dBm from 800 to 1250 nm

## Ordering Information

Description	Part Number
T-BERD/MTS-8000 V2 Scalable Multitest platform for standard use Includes 100 GB hard disk, 2 standard batteries and 150 W standard power supply	ETB8000E/EM8000E
T-BERD/MTS-8000 V2 Scalable Multitest platform for high-power use Includes 100 GB hard disk, 2 high-power batteries, power supply (150, 220 or 300 W to be specified)	ETB8000EHP/EM8000EHP
T-BERD/MTS-8000 V2 Scalable Multitest platform for a-la-carte configuration	ETB8000EBL/EM8000EBL
2 plug-in receptacles for optical modules	E8100
Dual-module carrier for MSAM, MSAM v2, OSA-110 modules	C8200
Built-in optical power meter and VFL with 2.5 mm UPP connectors	E80EPMVFL
Built-in optical talk set (adapter to be configured)	E80ETS
Built-in talk set (adapter to be configured) and optical power meter (2.5 mm UPP connector)	E80ETSPM
Built-in talk set (adapter to be configured), optical power meter and VFL (2.5 mm UPP connectors)	E80ETSPMVFL
WiFi and Bluetooth options	E80EWIFIBLUE
WiFi option	E80EWIFI
Bluetooth option	E80EBLUE
Standard Li ion battery	E80ELIION
High-power Li ion battery	E80ELIIONHPP
100 GB SATA hard disk	E80EHDISK
USB 2.0 Digital Video Scope Kit (P5000i), including 7 tips and soft case	EDFSCOPE5Ki
Additional kickstand for multi-module configurations	E80KSTAND
Cigarette lighter power adapter	E80LIGHTER
Soft carrying case handling the platform and a combination of modules of 12 cm/4.75 in depth	E80SCASE2
Soft carrying case handling the platform and a combination of modules of 7 cm/2.5 in	E80SCASE3
Hard carrying case for T-BERD/MTS-8000 platform	E80HCASE1