

JDSU

MTS-8000

The JDSU (now Viavi Solutions) MTS-8000, also known as the T-BERD 8000 in North America, is a highly scalable, modular test platform designed for the installation, maintenance, and troubleshooting of optical networks. It serves as a mainframe that accepts a wide variety of field-interchangeable modules, supporting applications ranging from standard OTDR and fiber characterization (CD, PMD) to Optical Spectrum Analysis (OSA) and high-speed transport testing (up to 40G/100G).

SPECIFICATIONS

General

Interfaces	USB 2.0, RJ-45 Ethernet, RS-232, VGA out, Audio (Headset)
Display	10.4-inch TFT color LCD (800 x 600), optional touchscreen

Physical

Power Supply	100 to 240 V AC, 50/60 Hz (via AC adapter)
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Mainframe & Platform Specifications

Display Type	TFT color LCD
Display Size	10.4 in
Display Resolution	800 x 600 (SVGA)
Touchscreen Capability	Optional

Modularity & Expansion

Modularity	Field-interchangeable test modules
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Supported Optical Fiber Tests (via Modules)

Supported Fiber Tests	OTDR, Chromatic Dispersion (CD), Polarization Mode Dispersion (PMD), Attenuation Profile (AP), OSA, ORL, IL, Fiber Inspection (via appropriate modules)
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Interfaces & Connectivity

USB Ports	USB 2.0
Video Output	VGA

Power & Battery

AC Adapter Input Voltage	100 - 240 V AC
AC Adapter Frequency	50 / 60 Hz
Battery Chemistry	Lithium-Ion (Li-Ion)

TECHNOLOGY

Optical / Transport Test

APPLICATIONS

Fiber Characterization, DWDM/ROADM Testing, High-Speed Transport Testing

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.