ACTERNA

2310

The Acterna FST-2310 TestPad is a modular, handheld test set designed for provisioning, troubleshooting, and maintaining telecommunication networks. Operating within the TestPad 2000 architecture, it supports comprehensive multi-rate and multi-service testing from DS0 to OC-48 rates, including SONET/SDH, ATM, and copper/voice-frequency circuits in a rugged, battery-powered form factor.

SPECIFICATIONS

General

Interfaces	Dual PCMCIA slots, handset port, built-in microphone, and speaker
Display	Touch-screen graphical user interface (GUI)

Physical

Power Supply	Battery-powered and AC adapter capable
Dimensions (W×H×D)	190 x 76 x 292 mm (with TestPad 2000 mainframe) mm

Optical & Electrical Interfaces

Supported Optical & Electrical Rates	Multi-rate transmission from DS0 to OC-12

Service & Protocol Testing

Supported Services	ATM, GR-303, ISDN, signaling, voice frequency (VF), and digital data service (DDS)

Payload Mapping & Framing

SONET Overhead Control	Ability to manipulate bytes in the SONET overhead

Testing Modes

Operation Modes	Multiple modes to terminate and monitor circuits from various network access points

System & Mainframe

System Architecture	Modular TestPad 2000 architecture

Connectivity & Control

Emulation Modes	VT100 emulation
Remote Control Capabilities	Remote control functionality using the GUI of the module

User Interface & Usability

Automation Features	Auto configuration and application-driven icons

Physical & Power Specifications

Physical Design	Rugged, lightweight, field-optimized construction

Compliance & Safety

Laser Safety	Class 1 Laser Product (FDA 21 CFR 1040.10 and 1040.11)

Optical Interfaces

Optical Transmitter Wavelengths	1310 nm, 1550 nm, or 1310/1550 nm dual (option dependent)
Optical Connector Types	Interchangeable FC, SC, and ST adapters

Test & Measurement Capabilities

Error Insertion	Single, continuous rate from 1E-3 to 1E-9, or user-defined burst
Performance Analysis Standards	ITU-T G.821, G.826, M.2100, M.2101

System & Storage

Storage Media	PCMCIA Type II card slots

TECHNOLOGY

SONET / SDH / ATM

APPLICATIONS

Telecommunications Network Installation, Provisioning, and Maintenance

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