

Quick and Easy Tests of SDH/SONET and PDH/DSn Networks

MT1100A
Network Master Flex



Legacy technologies in transport networks can't just be eliminated because of the huge capital investment, but keeping legacy technologies operational can require several testers. With its SDH/SONET and PDH/DSn test options, the Network Master Flex MT1100A is a powerful and easy-to-use tool for testing SDH/SONET up to STM-256/OC-768. PDH/DSn systems (E1, E3, E4, DS1 and DS3) can be tested directly or embedded into SDH/SONET. The MT1100A supports new and legacy technologies, leaving the user less equipment to maintain and learn, and reducing operating expenses. Adding the OTN option supports full-depth testing of legacy technologies within OTN, keeping your investment both upgradable and enhancing currently installed options.

The all-in-one MT1100A supports all the latest communications network technologies.

Selecting and installing up to two modules from a range of three module options supports all-in-one R&D, manufacturing, installation and maintenance tests of network and transport equipment operating at bit rates from 1.5 Mbps to 100 Gbps. The large, 12.1-inch color LCD touch panel with easy-to-use GUI plus remote operation of a full range of test functions over an Internet connection greatly improves test efficiency and helps cut costs.



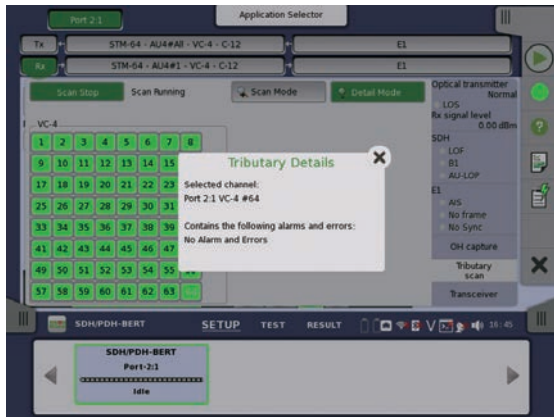
Key Platform Benefits and Features:

- All-in-one transport tester
 - Supports testing from 1.5 Mbps to 100 Gbps
 - OTN, Ethernet, CPRI/OBSAI, Fibre Channel, SDH/SONET and PDH/DSn
- OTN testing with Ethernet, CPRI, Fibre Channel, SDH/SONET client signals
- Easy and intuitive GUI
- Up to 4 ports at all rates
- Electrical interfaces of CAUI, XLAUI using optional extenders
- WLAN*/Bluetooth*/LAN connectivity
- PDF, CSV and XML report generation for documenting test results
- Remote operation using VNC or dedicated GUI operation software via Ethernet, WLAN
- Remote control (scripting, via Ethernet, WLAN, GPIB)
- Portable design for maximum portability
- Modular platform ensuring maximum return on investment

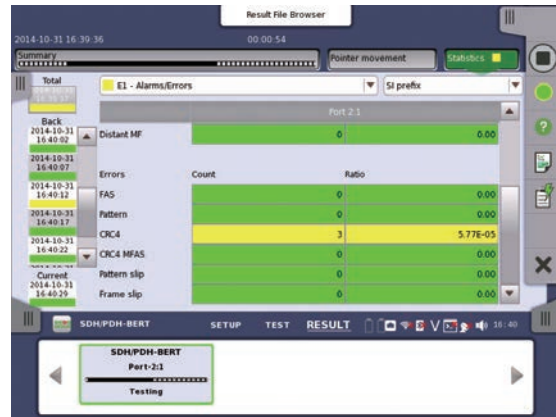
Key SDH/SONET and PDH/DSn Benefits and Features:

- Powerful testing of SDH (STM-256, STM-64, STM-16, STM-4, STM-1), SONET (OC-768, OC-192, OC-48, OC-12, OC-3, STS-3) systems and embedded PDH (E1, E3, E4) and DSn (DS1, DS3) systems
- Powerful testing of PDH (E1, E3, E4) and DSn (DS1, DS3) systems
- Simultaneous bi-directional monitoring of SDH/SONET and PDH/DSn lines
- SDH/SONET mapping and de-mapping of PDH/DSn signals
- Comprehensive error and alarm statistics
- SDH/SONET overhead byte testing and monitoring
- SDH/SONET tributary scan
- SDH/SONET pointer event generation and monitoring
- SDH/SONET and PDH/DSn delay measurements
- Analysis of service disruption with APS application
- Event log
- Fiber end face inspection using VIP

*: Available for certified countries and regions including USA, Canada, Japan and all EU countries.



The SDH/SONET tributary scan gives a quick overview



Color indications give an easy overview of GO/NO-GO results

Test Modules:

- 10G Multirate Module MU110010A
Up to 2 ports: 1.5 Mbps to 10 Gbps (SFP/SFP+, RJ45, BNC, RJ48, Bantam)



- 100G Multirate Module MU110011A
Single port: 40 Gbps (CFP) or 100 Gbps (CFP)
Up to 2 ports: 10 Mbps to 40 Gbps (QSFP+, SFP/SFP+, RJ45)



- 40/100G Module MU110012A
Up to 2 ports: 40 Gbps to 100 Gbps (CXP, QSFP+)



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