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Data Sheet

August 14, 2026

ANRITSU

Anritsu MT1100A " Network Master Flex

The Anritsu MT1100A Network Master Flex is a modular multi-rate transport tester mainframe for Ethernet, OTN, SDH/SONET, and Fibre Channel class testing. OEM Network Master Flex documentation lists a portable mainframe hosting MU-series modules for rates from legacy PDH/SDH through 100G-class optics depending on installed modules. Carrier Ethernet and OTN turn-up, multi-rate transport troubleshooting, and field/lab verification of optical and electrical interfaces. Instrument Type: Modular multi rate transport tester mainframe Carrier Ethernet and OTN turn-up, multi-rate transport troubleshooting, and field/lab verification of optical and electrical interfaces. Instrument Type: Modular multi rate transport tester mainframe Platform Name: Network Master Flex MT1100A Supported Technologies Class: Ethernet OTN SDH SONET Fibre Channel class by module



MODEL

Anritsu MT1100A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MT1100A

LISTING

<https://aumictechlabs.com/products/mt1100a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MT1100A Network Master Flex is an all-in-one transport testing platform for development, manufacturing, installation, and maintenance of modern communication networks. It supports legacy PDH/DSn through high-speed OTN, Ethernet, Fibre Channel, and CPRI/OBSAI at bit rates from 1.5 Mbps to 100 Gbps, with R&D capability for 400 Gbps client signal simulation. Its modular architecture accepts up to two modules from three options, delivering flexible

deployment and strong return on investment. A 12.1-inch color LCD touch panel with intuitive GUI enables efficient operation in field conditions, while remote control via VNC, Ethernet, WLAN, and GPIB supports distributed testing workflows. Technical Specifications Network Technologies & Interfaces OTN (OTU1–OTU4), SDH/SONET, PDH/DSn, Carrier Class Ethernet, Fibre Channel, CPRI/OBSAI Electrical interfaces: CAUI, XLAUI, CAUI4 (with extenders) Optical transceivers: CFP, CFP2, CFP4 (with adaptor), QSFP28 (with adaptor), CXP, QSFP+, SFP, SFP+ OTN support includes multi-stage mappings, ODUflex, mapped Ethernet, CPRI, and SDH/SONET client signals Performance Range Bit rate coverage: 1.5 Mbps to 100 Gbps 400 Gbps R&D testing via 4 × 100 Gbps client signal simulation Ethernet & Wireless 40 GigE, 100 GigE testing with RFC 2544, RFC 6349 (TCP Throughput), and Y.1564 compliance WLAN (IEEE 802.11 b/g/n), Bluetooth 2.1 + EDR Key Features Simultaneous dual-port testing with independent operation on up to four ports FEC signal generation and measurement for 100GBASE-SR4 and 100GBASE-ER4-lite ITU-T O.182 Poisson-distribution error insertion for FEC performance analysis IP Channel Statistics up to 10 Gbps for top-talker and network attack identification Ethernet frame capture with Wireshark integration Built-in GPS for SyncE, IEEE 1588 v2, and one-way latency synchronization testing MDIO analysis and optical transceiver characterization (VOD, Pre-emp) Live line monitoring and event logging for fast troubleshooting Typical Applications Optimal for R&D teams validating emerging 400 Gbps technologies, field installation and commissioning of OTN and Ethernet networks, manufacturing test of high-speed optical interfaces, and ongoing performance monitoring of carrier-class transport infrastructure. Compatibility & Integration Remote operation via VNC, Ethernet, WLAN, or GPIB enables distributed control and data transfer. Modular design supports selective instrument configuration based on network environment and test requirements.

MT1100A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Modular multi rate transport tester mainframe
Platform Name	Network Master Flex MT1100A
Module Family	MU series plug in modules
Supported Technologies Class	Ethernet OTN SDH SONET Fibre Channel class by module
Maximum Rate Class	Up to 100G class with appropriate modules
Display	Touchscreen portable display class
Form Factor	Portable modular mainframe
Battery Operation	Yes class
Remote Control Class	Remote GUI and automation class
Interfaces Class	Electrical and optical ports via modules
Series Family	Anritsu MT1100A Network Master Flex
Applications Class	Carrier transport turn up and troubleshooting
Storage	Internal results and configuration memory class
Operating Temperature Class	Field and lab temperature range class
Weight Class	Portable mainframe weight
USB Connectivity	Yes
LAN Connectivity	Yes class
GPS Timing Option Class	Available on related options class
SyncE PTP Class	Supported with appropriate modules class
BERT Capability Class	Bit error rate test via modules class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Operating temperature	Class: Field and lab temperature range class
Humidity	Class: Up to 80 percent noncondensing class

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Field and lab temperature range class
Operating Temperature	Class: Field and lab temperature range class
Humidity	Class: Up to 80 percent noncondensing class
Operating Temperature Class	Field and lab temperature range class
Weight Class	Portable mainframe weight
USB Connectivity	Yes
LAN Connectivity	Yes class
GPS Timing Option Class	Available on related options class
SyncE PTP Class	Supported with appropriate modules class
BERT Capability Class	Bit error rate test via modules class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class Notes From Anritsu MT1100A Network Master Flex OEM product documentation. Exact rates and port counts depend entirely on installed MU modules; confirm module complement on the unit configuration.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.