

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

W&#38;AMP;G / ACTERNA

W&G ANT20 3035/02 Acterna Advanced Network Tester

The W&G ANT20 3035/02 Acterna Advanced Network Tester is a modular, portable instrument for comprehensive network analysis and troubleshooting across telecommunications standards. It delivers multi-rate transmission testing from DS1 to OC-192c and E1 to STM-64c, with integrated SONET, DSn, SDH, and ATM capabilities. The platform combines a large color touchscreen display with Windows-based graphical interface for simplified operation in complex testing environments. Typical Applications Multi-rate transmission verification across SONET/SDH hierarchies. Error detection and jitter characterization in high-speed optical networks. Service activation and maintenance testing for carrier-class telecommunications infrastructure. Aumictech offers NIST-traceable calibration and repair for the W&G / Acterna ANT20 3035/02. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1-3 business days after receipt. This W&G / Acterna ANT20 3035/02 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.



MODEL

**W&G /
Acterna ANT20
3035/02**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

ANT20 3035/02

LISTING

[https://aumictechlabs.c
om/products/ant20-30
35-02-2/](https://aumictechlabs.com/products/ant20-3035-02-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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Technical Specifications

Transmission Testing

Multi-rate testing: DS1 to OC-192c (North American) Multi-rate testing: E1 to STM-64c (European) Protocol support: SONET, DSn, SDH, ATM Jitter and Wander Analysis Jitter/wander generation and analysis at 2.488 Mbit/s per ITU-T O.171 and O.172 Jitter/wander measurements up to OC-192/STM-64 Jitter support to 622 Mbps ANT-20E model: jitter/wander generation and analysis to 2.5 Gbit/s Bit Error Rate Testing BERT rates: 2, 8, 34, 140 Mbps (PDH) BERT rates: 1.5, 45 Mbps (North American) Error and alarm generation and analysis Signal Analysis Functions AutoScan: automated signal structure, mapping, trace ID, and payload verification SEARCH: rapid automatic test channel location TROUBLE SCAN: sequential channel testing and alarm analysis Signal resolution to 64 kb/s Access to standardized mapping structures including mixed configurations (DS1 in STM-1, E1 in STS-1) Performance Analysis Pointer analysis Synchronization testing

Key Features

Modular platform architecture for configurable deployment CATS Test Sequencer for test automation and long-term measurements Remote operation via modem or Ethernet LAN Built-in Pentium processor with Windows 98 interface Test case library integration

Connectivity and Interfaces

BERT and V.11 interface for DCC Ethernet, GPIB, RS-232/V.24 for automation environments Optical interface: SC/PC 75 Ω coaxial output with Versacon 9 adapter system External synchronization via 75 Ω unbalanced input (SDH) or 100 Ω unbalanced input (SONET)

Typical Applications

Multi-rate transmission verification across SONET/SDH hierarchies. Error detection and jitter characterization in high-speed optical networks. Service activation and maintenance testing for carrier-class telecommunications infrastructure.

Features & description

From manufacturer datasheet

Technical Specifications

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W&G / Acterna ANT20 3035/02 — Repair & Calibration Service

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W&G / Acterna ANT20 3035/02 price

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W&G / Acterna ANT20 3035/02 calibration cost

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Unit notes

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Technical Specifications

Transmission Testing

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Protocol support: SONET, DS_n, SDH, ATM

Jitter and Wander Analysis

Jitter/wander generation and analysis at 2.488 Mbit/s per ITU-T O.171 and O.172

Jitter/wander measurements up to OC-192/STM-64

Jitter support to 622 Mbps

ANT-20E model: jitter/wander generation and analysis to 2.5 Gbit/s

Bit Error Rate Testing

BERT rates: 2, 8, 34, 140 Mbps (PDH)

BERT rates: 1.5, 45 Mbps (North American)

Error and alarm generation and analysis

Signal Analysis Functions

AutoScan: automated signal structure, mapping, trace ID, and payload verification

SEARCH: rapid automatic test channel location

TROUBLE SCAN: sequential channel testing and alarm analysis

Signal resolution to 64 kb/s

Access to standardized mapping structures including mixed configurations (DS1 in STM-1, E1 in STS-1)

Performance Analysis

Pointer analysis

Synchronization testing

Key Features

Modular platform architecture for config

ANT20 3035/02 Specifications

PARAMETER	VALUE
Wavelength Range	1310 nm, 1550 nm

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.

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Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values

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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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sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.