

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Gnubi EXP200

Performance Monitoring

- Errors
  - BPV, Frame, CRC (ESF), Pattern Bit
- Alarms
  - LOS, OOF, Excessive Zeros, AIS, Yellow
- Measurements
  - Alarm Seconds
  - Error Seconds
  - Error Free Seconds
  - Severely Errored Seconds
  - Percent Errored Seconds
- Data Logging

Payload Mapping

- QRSS
- 2^{15-1}, 2^{20}-1, 2^{23}-1 PRBS
- User Pattern (1 to 24 bits)
- 3 in 24, 1 in 8, 2 in 8, 1 in 16
- 55 octet
- All ones (AIS), all zeros
- Signalling (ESF Data Link, Inband)
- Loopback Codes

Physical Interface

- Conforms to ANSI T1.102
- AMI, B8ZS Line Codes
- 100 Ohm Balanced
- Bantam Connector
- Tx Selectable LBO
- Rx Auto Equalization
- Rx Peak Level Detect
- Rx Frequency

Timing

- From the EPX100 clock Module
  - Internal (1.544 Mb/s +/- 5 ppm)
  - BITS timed
  - External
- As Received

Signal Formats

- ESF, SF (D4), SLC-96
  - Channelized
  - Unchannelized
- Unframed

Measurement

The EPX200 is a full featured DS1 Signal Generator and Monitor that may be configured as a Dual Transceiver, Quad Transmitter, or Quad Receiver to meet a wide range of test applications.

The EPX200 can even be used to form a 28 channel DS1 cross-connect.

When used with other EPX16 test modules, the EPX200 can be used to Add/ Drop and simultaneously Generate/Monitor DS1 Signals.

Like all EPX16 test modules, the EPX200 can be run remotely via any Web browser or customer developed software.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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We're here to make your life easier. How can we help you today?

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