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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Tektronix 80E02* at our website: *Click HERE*

Tektronix



Electrical Sampling Modules

80E02

Features & Benefits

ALL MODULES

- Up to 70 GHz Bandwidth and 5 ps Measured Rise Time (10 - 90%)
- Lowest Noise for Analysis – 450 μV_{RMS} at 60 GHz, 300 μV_{RMS} at 30 GHz
- Remote Samplers*1 Enable Location of Sampler Near DUT and Ensure Best Signal Fidelity
- Independent Sampler Deskew Ensures Easy Fixture and Probe De-embedding
- Precision Microwave Connectors (3.5 mm, 2.92 mm, 2.4 mm and 1.85 mm)
- Probe Support

TDR MODULES

- 15 ps Reflected True Differential Fully Integrated TDR Rise Time (12 ps Incident) and Feature Resolution Below 1 mm
- Efficient, Accurate, Easy to use, and Cost Effective S-parameters up to 50 GHz

Applications

- Impedance Characterization and S-parameter Measurements for Serial Data Applications
- Advanced Jitter, Noise and BER Analysis
- Channel and Eye Diagram Simulation and Measurement-based Spice Modeling

80E02

- Device Characterization, Transmission Quality, Waveform Parameters
- Low Signal Measurements

SAMPLING MODULES: 80E02

The 80E02 is a dual-channel, 20 GHz sampling modules and provides an acquisition rise time of 28. Optional 2 meter extender cable is available.

When used with Tektronix 80SJNB Jitter, Noise, & BER software, these modules enable separation of both jitter and noise into their components, understand precise causes of eye closure, and obtain highly accurate extrapolation of BER and 3-D eye contour. When used with 82A04 phase reference module, timebase accuracy can be improved down to 200 fsRMS jitter, which together with the 300 µV noise floor and 14 bits of resolution ensures the highest signal fidelity for the measured signals.

› Introduction

Characteristics/Specs

CE

ISO 9001 Product(s) are manufactured in ISO registered facilities.

GPIB IEEE-488 Product(s) complies with IEEE Standard 488.1-1987, RS-232-C, and with Tektronix Standard Codes and Formats.

85W-22189-0, 08-MAY-2008

(WebID: 13924)

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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

ARTISAN® TECHNOLOGY GROUP