

## RF & MICROWAVE TEST SOLUTIONS



### Boonton

- RF/Peak Power Meters to 40GHz, Fast Rise Times
- RF/Peak USB Power Sensors
- Signal Generators up to 18GHz

### Noisecom

- Noise Components & Instruments
- Programmable Noise Generators up to 40GHz

### Holzworth

- Phase Noise Analyzers up to 50GHz
- Multi-Channel, Phase Coherent RF Sources
- Ultra-Low Phase Noise Synthesizers & Modules

### dBm

- Satellite Link Emulator & Modeling Software
- 600 MHz Of Instantaneous Bandwidth Per Channel (Multi-Channel)

### Cable Assemblies & Connectors

- High Stability RF Cables up to 110GHz
- High Performance VNA Cables up to 67GHz
- StabilityWafer™ on-wafer probing cable assemblies
- Coaxial & Waveguide adapters and attenuators

### Device Characterization

- Active Load Pull Tuners Enabling Real-time Load Control
- Automated Tuning for Streamlined Repeatable Measurements
- Compatible with 1-port and 2-port DUTs

### Impedance Tuners

- Active Load Pull
- Active Tuners
- Automated & Cryogenic Tuners

### Calibration

- VNA Calibration & Verification Kits
- VNA Calibration Standards
- Universal VNA Calibration Modules (uCal) to 26.5GHz

### RF Amps (CW and Pulsed)

- Solid State Frequency Range 0.4GHz to 98GHz
- Power Range 1W-10KW
- Wideband Frequency Coverage for Modern Applications
- High Continuous Power Across the Band
- Custom Solutions Available



- Broadband Bias Tees up to 110GHz
- Broadband Baluns
- Broadband Pick off Tees
- Signal Path Analyzer
- DC Blocks



Millimeter Wave Products Inc.

- Frequency Up/Down Converters - 2-100 GHz
- Frequency Agile Synthesizers - DC-110 GHz
- Low Noise & Power Amplifiers to 110 GHz
- Transceivers, Antenna Systems
- Integrated Assemblies
- Target Generation Modules
- RF Components

## ETHERNET & PROTOCOL TEST SOLUTIONS



- PCI Express up to 6.0 & CXL 3.x
- High-Speed Ethernet: 10/40G; 25/50/100G; 100/200/400/800G
- Storage Tech; SATA, SAS, NVMe-oF & FibreChannel
- USB 2.0, 3.x, 4.x, Thunderbolt
- quantumdata - HDMI/Display/Port/Video



- Automated Ethernet PHY & PoE Testing
- Physical Layer 10/100/1000Base-T Ethernet Analysis
- Scalable Power over Ethernet PD & PSE Test Platforms
- IEEE 802.3at, 802.3bt PoE Conformance Testing
- PoE LLDP Emulation & Analysis
- PSE System Performance, Power Management Analysis

## EMI/EMC TEST SOLUTIONS



- Modular Shielded Enclosures
- Adaptable Anechoic Chambers
- Turntables, Doors, Vents, Panels, Feeds
- Design, Fabrication & Installation
- Screen Rooms
- Service - All Makes of EMI/EMC Chambers



- EMC & RF Consulting Services
- Power Amplifiers & Power Supplies
- Emission Systems
- Immunity Systems
- LISN, ISN, CDN's and Clamps
- Pre-Compliance Accessories

## ENVIRONMENTAL & VIBRATION TEST SOLUTIONS



- Salt Spray Chambers
- Cyclic Corrosion Chambers
- Floor SO2 Gas Dosing Test Chambers
- Tabletop SO2 Gas Dosing Test Chambers



- Self-contained Shock & Vibration Event Recorders
- Impact Detectors For High-Value Transportation Monitoring
- Acceleration/ Temperature & RH Data Recording
- HIRTS-1 High-G Helmet Impact Recorders
- Environmental Data Analysis Software

## ATE SOLUTIONS



- Test System Design & Build to Print Services
- RF & Microwave, Digital & Analog
- Pre-Configured Core Test Systems
- Frequency Up & Down Converters
- Cable Test Instruments
- ATE Development, Service Provider
- Delay Line Solutions



- Wire, Cable & Harness Testers
- Rack and Portable AUTOMEG Testers
- Functional Cable Test systems
- RTS Real Time Scanning
- Bond, Loop & Joint Resistance Testing



Your Power Solution Expert

- AC/DC Programmable Power Supplies
- AC & DC Electronics Loads
- Thermal/Shock/Vibration Test Systems
- Linear Power Supplies
- RLC Load Banks
- Source Measure Units

## DATA ACQUISITION



- Power Analyzers, Portable
- Real-Time Data Acquisition Systems
- All-In-One Systems
- Signal Conditioning
- Data Recording
- Components & Sensors

## TIMING / GPS / PNT



- Frequency & Timing Standards
- Distribution Amplifiers
- NTP - Network Time Servers
- Auto Switches
- Rubidium Standards

## RENTAL/USED EQUIPMENT / CALIBRATION SERVICES / LEASING



- All Major Brands - Current Products
- Same-Day Shipping, Extended Warranties
- Calibration Services
- Satisfaction Guaranteed
- Flexible Rental Terms and Financing
- ANSI/NCSL Z540-1 Compliant Calibration Lab



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