

TEST & MEASUREMENT GROUP

2/2/24



3SAE

www.3sae.com

Advanced fusion splicing products • Cleavers, fiber strippers, cleaners; fiber optic combiners, lensing, tapering



Ametek Programmable Power - Amrel, Calif. Instrument, Elgar, PowerTen, Sorensen, Xantrex

www.programmablepower.com

Programmable DC & AC Power Supplies • Solar Array Simulators • E-Loads • Engineered Power Systems



Amplifier Research (a division of Ametek)

www.arworld.us

RF & Microwave Amplifiers • Antennas, Horns, Microwave Horns, E-Field Generators • Field Analyzers/Field Monitoring Conducted/Radiated Immunity Test Sys



Astronics Test - EADS NA Defense, Kinetic Systems, C&H

www.astronics.com

System Switch Elements & Muxes • Bus-based instrumentation (VXI, PCI & PXI) & Digital Test • Integration Services Consoles & Workstations • Data Center Solutions



dBm – dba Maury Microwave Corp.

www.dbmcorp.com

Satellite and wireless link emulation; RF frequency converters ;low cost broadband frequency synthesizers



DVTEST

www.dvtest.com

RF Test Enclosures • RF Shield Boxes • >90dB Isolation • Engineering & Production • Custom Sizes & Configurations



Formfactor – Cascade Microtech

www.formfactor.com

RF Microwave, DC, FA & Parametric Probe Stns • RF, Optical & DC Microprobes • Multi-Contact Probes



Hyperlabs

www.hyperlabs.com

Broadband Components to 110GHz. Baluns • Bias Tees • DC Blocks



Lecroy (Division of Teledyne)

www.teledynelecroy.com

High-performance oscilloscopes up to 12 bit A/D & 65GHz BW • High speed serial data analyzers • TDR and Wavepulsers S-parameter test; Arbitrary Waveform Generators



Luna Innovations- General Photonics, Micron Optics, Rio Lasers - OptaSense

www.generalphotonics.com; www.lunainc.com; www.rio-lasers.com; www.micronoptics.com

General Photonics Products: Designs & mfgs innovative optical instruments & modules addressing dynamic polarization & timing mgmnt of optical networks, sensor sys, & biomedical diagnostic equipment.

Luna: Fiber optic Test & Measurement: Component analyzers, optical backscatter reflectometers, tunable lasers

Micron Optics: Fiber Fabry-Perot tunable filters and interferometers

Rio-Lasers: PLANEX Ultra Narrow Linewidth low noise tunable lasers; butterfly/integrated



MacPanel

www.macpanel.com

Mass Interconnect Solutions for test. Interface Test Adapters, Electronic, RF and optical test interfaces to DUT



Meatest

www.meatest.com

Calibrators: Multifunction • High current • Process • Electric power/energy • **Software:** Caliber Calibration • WinQbase Database • High voltage programmable resistance boxes • AC/DC programmable resistance loads • Resistance decade boxes / RTD simulators • RCL calibration • Packaging & Transport Cases • Resistance stds • Capacitance stds

TEST & MEASUREMENT GROUP



Microwave Town

www.microwavetown.com

Waveguide components, coax adapters & antennas from DC to 110 GHz



NH Research (Part of NI)

www.nhresearch.com

AC & DC Electronic Loads • Regenerative DC Load/Source and AC grid simulation • Electric Vehicle Pwr Test



Pendulum Instruments

www.pendulum-instruments.com

Frequency Counters/Analyzers • Time & Frequency Standards • Frequency Distribution • GNSS Simulators



Pulse Research Lab

www.pulseresearchlab.com

Coupling & Termination Modules, Differential Line Drivers/Receivers, ECL/PECL Terminators, Fanout Buffers, Logic Level Translators, Long Line Drivers; Custom rack-mounted systems



Safran Group (formerly Orolia)

www.safran-group.com

Precision Navigation and Timing - Rack mount & rugged; timing and synchronization solutions including M-code, frequency standards and distribution; GPS/GNSS simulators including Skydel simulation engine; jamming and spoofing detection



Storm (Division of Teledyne)

www.teledynedefenseelectronics.com/stormmicrowave

RF & Microwave cables & cable assemblies through 110GHz • Flexible & semi-rigid, low loss, phase/temp-stable, & miniaturized versions, Ruggedized & armor options.



Tabor Electronics

www.taborelectronics.com

RF, pulse, function & arbitrary waveform generators/transceivers, high-voltage amplifiers, waveform & modulation creation software



Temptronic/Sigma Systems (inTEST Company)

www.intestthermal.com/

Thermal Shock • Fast Temp Cycle • Thermal Stress Screening • Test Chambers Temp. Characterization • Temperature Testing • Environmental Chamber Solutions • Thermal Platforms & Controllers



Teraxion

www.teraxion.com

Narrow line width lasers • Frequency Stabilized Lasers • Master / Slave Lasers • Dispersion compensators • Fiber Bragg Gratings • Tunable dispersion compensation stimulation units



Transcat

www.transcat.com

Sales & Rental of reconditioned Test & Measurement Equipment • New Equipment & Distribution Sales • Surplus Equipment Purchases • Calibration & repair services



VTI Instruments

www.vtiinstruments.com

Data Acquisition for noise/vibration/temperature/strain • Turnkey DAQ software • Modular Instrumentation/LXI/PXI/PXIe/VXI/VME • RF, Microwave & DC/LF switching • RFUIs



Wireless Telecom Group – Boonton, Holzworth, Noisecom

www.wirelesstelecomgroup.com

Boonton: Peak/CW RF Power & Volt Meters • Audio & Modulation Analyzers

Holzworth: UltraSmall Footprint, UltraLow Phase Noise RF Synthesizers; Multi-tone Test Sets • PhaseNoise Test Sets

Noisecom: RF Noise Diodes & Components • Pkg Noise Modules • Programmable Noise, GPS Sources • NPR • Testers • EbNO



Yokogawa Corporation of America

www.yokogawa.com

Power Meter & Analyzer • Digital Storage Oscilloscopes • I2C CAN Bus & SPI Analysis • Time Interval Analyzer • Data Acquisition • Function Generators • Recorders • Custom Sys • Optical Test & Measurement • Universal Timer/Couplers

EMBEDDED SYSTEMS GROUP

2/2/24

**Concurrent Technologies**www.gocct.com

Long life cycle high performance computer & switched fabric modules in AMC, 6U/3U CompactPCI, OpenVPX, PMC/XMC, & VME/ VXS form factors for critical commercial & military applications.

**Emcor Enclosures**www.emcorenclosures.com

Modular Enclosure Systems including 19 & 24" Electronic Racks, Seismic & EMI/RFI Cabinets, Application Specific Consoles & Workstations, plus Data Center Solutions.

**Equipto Electronics Corp.**www.equiptoelec.com

EMI/RF Shielded Enclosures and cabinets • Custom Enclosures • NEMA and Tempest regulatory tested enclosures

**Gigatronics**www.gigatronics.com

Real-Time Synthesizers • Legacy Synthesizers & Services • RF Radar Simulator products • Broad & Up/Down /converters

**Mercury – previously Pentek**www.mercury.com

RF Signal Generators, High speed Analog & Digital I/O modules & recording systems, software radio & data acquisition applications, High Speed digital & analog interfaces & RFSoc, FPGAs in AMC, XMC, FMC, PMC, cPCI, PCIe, & VPX form factors suitable for both COTS & rugged environments.

**MilPower Source**www.milpower.com

COTS, MOTS and Custom Power Solutions • Inverters • Power Distribution Units • 3U and 6U VPX VITA 62/SOSA Aligned Power Supplies • Rugged Uninterruptible Power Supplies (UPS) • Ruggedized managed & Unmanaged Military-Grade Ethernet Switches & Routers • C41SR & Battlefield Communications • Aerial, Ground, UAV, Solider-Carry Applications

**Ortel, LLC**www.ortel.com

Fiber Optic Delay Lines • EDFA's • Custom system packaging • Photo Detectors • Laser Diodes • External cavity lasers • Transceivers Passive Components • E/O & O/E , RF Analog Links

**Parry Labs**www.parrylabs.com

Small form factor hardware & unparalleled software foundation deliver the highest performing edge computing, & we are unrivaled in facilitating rapid deployment and ease of use.

**Protex Solutions LLC, USA**www.protexfoam.com

Custom, high-quality foam inserts for all professional applications

**Safran Data Systems**www.safrandatasystems.us

Flight Test Instrumentation, Data Acquisition and Recorders. Mission Recorders and Servers. Avionic & Mission Systems hardware. Telemetry Transmitters, Receivers and Antennas, Launcher (Missile Testing) & Satellite Connectivity solutions.

**Trenton Systems**www.trentonsystems.com

High-performance computing capabilities into hardware systems deployable at the edge for those with distinct development requirements & challenges spanning hardware, software, connectivity, platform integrations, & security.

**Wolf Advanced Technology**www.wolf.ca

Rugged video graphics modules for capture, process, display, & AI inference. Solutions operate in harsh aerospace & defense environments using the high-speed processing available from advanced NVIDIA & AMD GPUs. Products include COTS, MCOTS or full custom designs, using VPX, XMC & MXM/MXC architectures.

**Zero Manufacturing**www.zerocases.com

Deep-drawn & fabricated aluminum & molded plastic cases, enclosures & assemblies for the defense, aerospace, industrial, medical, electronics & telecommunications markets.