

**TEST & MEASUREMENT GROUP**

2/6/25



**3SAE**

[www.3sae.com](http://www.3sae.com)

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



**Ametek CTS – Amplifier Research, emtest, ESD, Milmega, Teseq**

[www.ar.ametek-cts.com](http://www.ar.ametek-cts.com)

Amplifiers Solid State, CW, TWT, Pulsed TWT, Millimeter TWT • RF Immunity Test Sys, Radiated & conducted Emission Testing, HV Field Probes & Clamps, • EMC GTEM/TEM Cells/Striplines/Reverberation Chambers • Antennas • Transient Generators (Surge, Burst) • Battery Simulators • Electrostatic Discharge ESD • Harmonics & Flicker • Programmable AC/DC Power Sources



**Ametek Programmable Power – Amrel, California Instrument, Elgar, Sorensen, VTI Instruments**

[www.programmablepower.com](http://www.programmablepower.com)

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

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



**Astronics Test**

[www.astronics.com](http://www.astronics.com)

System & Custom RF Ctrl & Switch Units • Rack Integration • Bus based Instrumentation (VXI,PCI & PXI) & Digital Test



**DVTEST**

[www.dvtest.com](http://www.dvtest.com)

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



**Formfactor – formerly Cascade Microtech**

[www.formfactor.com](http://www.formfactor.com)

Automated & Semi-Automated probes stations - RF/Microwave, Optical, DC, FA & Parametric Microprobes • Multi Contact Probes • SiPH Test



**Hyperlabs**

[www.hyperlabs.com](http://www.hyperlabs.com)

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



**Insulated Wire**

[www.insulatedwire.com](http://www.insulatedwire.com)

High performance coaxial & microwave cables; Low loss/phase stable; flex & hand formable assemblies; bulk cable



**Lecroy (Division of Teledyne)**

[www.teledynelecroy.com](http://www.teledynelecroy.com)

High performance oscilloscopes, 12bit A/D & 65GHz BW • High speed serial data analyzers • TDR Wavepulser S-parameter test; High speed & high channel count Arbitrary Waveform Generators



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

[www.generalphotonics.com](http://www.generalphotonics.com); [www.lunainc.com](http://www.lunainc.com); [www.rio-lasers.com](http://www.rio-lasers.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 & interferometers

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

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**MacPanel**

[www.macpanel.com](http://www.macpanel.com)

Mass Interconnect Solutions for test • Interface Test Adapters, Electronic, RF & optical test interfaces to DUT • Test system cables



**Maury Microwave– Boonton, dBm, Holzworth, Noisecom**

[www.maurymw.com](http://www.maurymw.com)

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

**dBm:** Satellite & wireless link emulation; RF frequency converters ;low cost broadband frequency synthesizers

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

**Maury Microwave:** Amplifiers, Coax Adapters, Cal Kits, system RF cables

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



**Meatest**

[www.meatest.com](http://www.meatest.com)

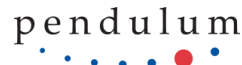
Calibrators: Multifunction • High current • Electric power/energy • AC/DC programmable resistance loads • RTD simulators • RCL calibration • Standards



**Microwave Town**

[www.microwavetown.com](http://www.microwavetown.com)

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



**Pendulum Instruments**

[www.pendulum-instruments.com](http://www.pendulum-instruments.com)

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



**Pulse Research Lab**

[www.pulseresearchlab.com](http://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



**RLC Electronics**

[www.rlcelectronics.com](http://www.rlcelectronics.com)

Microwave coaxial switches, band-pass filters, precision attenuators & other transmission line components



**Safran Federal System** (formerly Orolia/Spectracom/Safran Trusted 4D)

[www.safran-group.com](http://www.safran-group.com)

Line drivers & receiver modules, Signal & Logic Level converters, Fanout Buffers, Custom rack Signal Driver systems



**Temptronic/Sigma Systems** (inTEST Company)

[www.intestthermal.com/](http://www.intestthermal.com/)

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



**Transcat**

[www.transcat.com](http://www.transcat.com)

Test & Measurement Equipment Sales/Rentals • New Equipment Distribution Sales • Surplus/Reconditioned Equipment



**Yokogawa Corporation of America**

[www.yokogawa.com](http://www.yokogawa.com)

Power Meter/Analyzers • SMUs • Oscilloscopes & ScopeCorders • I2C/CAN/SPI Bus Analyzers • Data Acquisition • Function Generators • Optical Spectrum Analyzers • Multi-channel Lasers/Power meters/SMUs • Timer/Counters/Analyzer

**EMBEDDED SYSTEMS GROUP**

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**Coda Octopus Colmek**[www.colmek.com](http://www.colmek.com)

Redesign of circuit cards &amp; systems for obsolescence • Packaging ruggedized electronics, embedded computing &amp; software, signal processing systems.

**Concurrent Technologies**[www.gocct.com](http://www.gocct.com)

High performance computing in 3U/6U OpenVPX, PCIe/cPCI PMC/XMC, VME/VXS, AMC, critical military/commercial apps.

**Emcor Enclosures**[www.emcorenclosures.com](http://www.emcorenclosures.com)

Modular Enclosure Systems including 19 &amp; 24" Electronic Racks, Rugged/Seismic &amp; EMI/RFI Cabinets, Consoles &amp; Workstations, Data Center Enclosures

**Equipto Electronics Corp.**[www.equiptoelec.com](http://www.equiptoelec.com)

EMI/RF Shielded Enclosures &amp; cabinets • Custom Enclosures • NEMA &amp; Tempest regulatory tested enclosures

**Intellipower**[www.intellipower.com](http://www.intellipower.com)

Rugged UPS • Power Conditioners • Frequency Converters • Power Distribution Units • External Batter Modules • External Battery charges

**Mercury – previously Pentek**[www.mercury.com](http://www.mercury.com)

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

**Ortel, LLC**[www.ortel.com](http://www.ortel.com)

Fiber Optic Delay Lines • EDFA's • Custom system packaging &amp; Integration • Photo Detectors • Laser Diodes • E/O &amp; O/E, RF over Fiber

**Parry Labs**[www.parrylabs.com](http://www.parrylabs.com)

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

**Protex Solutions LLC, USA**[www.protexfoam.com](http://www.protexfoam.com)

Design &amp; manufacturing of custom foam inserts cases &amp; crates

**Safran Data Systems**[www.safrandatasystems.com](http://www.safrandatasystems.com)

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

**Trenton Systems**[www.trentonsystems.com](http://www.trentonsystems.com)

High performance computing, Rugged computing/server hardware, platform integration, RAID JBOD Systems.

**Zero Manufacturing**[www.zerocases.com](http://www.zerocases.com)

Portable &amp; 19" rack mount aluminum &amp; molded plastic cases &amp; enclosures. Deep drawn &amp; fabricated Aluminum boxes, cans &amp; housings