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EMC / EMI / ESD / RF TEST



Bi-Polar, 4 Quadrant, Linear Amplifiers and Transformers, DC – 1MHz, .4kVA – 20kVA for EMC test, industry, and research applications.



Current and voltage – our passion

EMC Conducted Immunity Systems, EFT, Burst, Surge, Ring Wave, & ESD Simulators. Magnetic Field Test Systems.



High Performance Programmable AC Power Sources with voltage/current control & frequency conversion from 30 to 5,000 Hz.



RF/Microwave Power Amplifiers & Safety Instrumentation. RF solid state amplifiers to 50KW, DC to 1GHz, Microwave Amplifiers to 10KW Turnkey Test Systems



EMI generators, ESD Simulators, Measuring Equipment and Related Solutions for Automotive, Industrial, & Commercial.



AC/DC Power - Programmable High-Power Grid Simulators, Regenerative Battery Simulators, AC/DC Sources & Loads



Tactical Booster Amplifiers, Rack Mount Amplifiers, RF Modules & Systems for Military, Industrial, & Aviation.



Precision Positioners for EMC Testing & Antenna Measurements Antennas for EMC Testing and Distributed Antenna Systems.



High Performance Programmable DC Power Supplies Rack Mountable, 750 Watt to 90 kW Precision High Voltage up to 300kV from 14 Watts to 15 KW.

AC & DC SOURCES, REGENERATIVE LOADS POWER ANALYZERS



RF Test Equipment Power Meters, USB Peak Power Sensors, Power Sensors, RF voltmeters, Audio & Modulation Analyzers/Meters.



AC Frequency & Voltage Converters, Programmable AC Sources Regenerative Electronic Loads.

TEST RACKS, WORKSTATIONS & CUSTOM ENCLOSURES



Electronic Equipment Racks and Consoles for a variety of markets including:

[DataCenters](#), [Industrial](#), [Energy](#), [Test/Measurement](#), [Military/Aerospace](#), & more.



Builds best-in-class Anechoic Chambers and Antenna Test Ranges for Industrial applications and EMC research.



Newton's 4th

Power Analyzers, Frequency Response Analyzers, Vector Voltmeters, Phase Meters, Impedance Analyzers, Power Amplifiers, Harmonics & Flicker



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TEST & MEASUREMENT INSTRUMENTATION

HIPOTRONICS

Medium and High Voltage Test Equipment - AC, DC Impulse systems for testing motors, cables, transformers, and other distribution apparatus.



Boundary-Scan Test & In-System Programming solutions for design, manufacturing & field service. Indiana not covered by EQS.



Thermal, Infrared and Phosphorescent based fiber-optic Temperature Measurement solutions with isolation and complete immunity to RF, microwave and other harsh EMI & High Temperature Environments.



Electronic Noise Generation equipment and noise sources for the commercial, military, & telecommunications fields.



Test Instrumentation - Digital Oscilloscopes, Spectrum Analyzers, Waveform Generators, DMMs, Data Acquisition, Linear DC supplies and Electronic Loads



Precision RF & Microwave Components including Switches, Filters, Attenuators, Terminations, Couplers, & Custom Products

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Data Acquisition – High Performance Data Acquisition Recorders with isolation for the aerospace, defense, automotive, transportation, & industrial markets.



LXI based Data Acquisition & Test Products. Bustec leads the test and measurement industry in Density, Accuracy, and Throughput.



Data Loggers - Rugged & Economical Data Loggers, Acquisition Systems and software.



PXI and PC-Based test equipment and systems that address a wide range of automated test, research, design and manufacturing applications.



The Largest Range of Switching and Simulation PXI, LXI Ethernet, PCI & HIL applications. Offering a full range of supporting custom and standard cables, connectors and Hardware & Software solutions.



ZT-Series Oscilloscopes, Digitizers & Generators in PXI, VXI, & LXI Form Factors. Standalone Instruments, Integrated Subsystems or fully Integrated Components.

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