



ProTEQ Solutions - New England  
 Office: 603-888-6630 Fax: 603-888-6640  
 Email: sales@proteqsolutions.com  
[www.proteqsolutions.com](http://www.proteqsolutions.com)

## Power Supplies & Loads



- + AC Power Supplies; 250 VA to 1 MVA
- + DC Power Supplies; 375 W to 320 kW
- + Electronic Loads
- + Water Cooled Supplies & Loads
- + ATE Chassis & Modules
- + Software for Avionics, Compliance & Immunity Tests
- + Custom Power Systems



- + Battery/Fuel Cell Test Systems
- + Electric Motor Test Systems
- + Grid Research Test Systems
- + Bi-directional Sources & Loads
- + AC & DC Electronic Loads
- + AC & DC Power Sources
- + Power Supply Test Systems



- + Power Distribution Units
- + Power Conditioners
- + Online/Double Conversion UPS
- + Frequency/Voltage Converters
- + External Battery Packs & Chargers

## Racks & Enclosures



- + ATE Racks, Enclosures & Consoles
- + Wide Range of Sizes
- + Standard & Rugged Rack Lines
- + EMI/RFI, Seismic, Data Center
- + Custom Work and Build-To-Print

## Precision Time & Frequency



- + Rugged PNT Systems
- + GPS/SAASM Receivers
- + NTP Time Servers
- + GNSS Simulators

## Rent, Purchase or Rent-To-Own



- + All Major Brands - Current Products
- + Same Day Shipping
- + Live Technical Support 24/7
- + Flexible Rental Terms and Financing
- + ANSI/NCCL Z540-1 Compliant Calibration Lab



## System & ATE Solutions



- + High Definition Oscilloscopes - 12 Bit ADC
- + Wide Bandwidth - (200 MHz - 1 GHz) or (1GHz - 4 GHz)
- + Sample Rates - From 2 GS/s to 240 GS/s
- + Frequency Ranges up to 100 GHz ; 4 and 8 Channels



- + Modular Instruments and Switching Main Frames
- + Multiple Formats - PXIe/PXI, LXI, VXI & VME
- + Digital & RF Switches, Controllers, Digitizers, Waveform Generators, Digital Multi-Meters



- + Switch Cards; PXI, LXI, PCI, VXI
- + RF Switching up to 67.5 GHz
- + Matrix Cards
- + Multiplexers
- + Programmable Resistors
- + RF Cards
- + Waveform Generators



- + Avionics Test & Simulation
- + MIL-STD-1553
- + ARINC 429, ARINC 664
- + Fibre Channel



- + Arbitrary Waveform Transceivers; 2 & 4 Channels, Up to 16 Gs/s, 16 Bit
- + Arbitrary Waveform Generators; High Speed & Bandwidth
- + Pulse Pattern Generators
- + RF Signal Generators; 3,6 & 12 GHz, Fast Switching
- + PCI, PXI, Rack Mounted & Bench Top



- + Auto; Bond, Loop & Resistance Test
- + Hi Voltage Wire Harness Test Systems
- + Hi Voltage Assembly Function Test
- + Portable Wire Harness Test Systems



- + Metrology Grade Surface Measure Tools
- + Measures; Roughness, Contour, Flatness, Topography & Thick Film

For the latest information on Products, Application Notes, Training and Local Seminars, please visit: [www.proteqsolutions.com](http://www.proteqsolutions.com)



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## EMI/EMC Test Solutions



- + RF & Microwave Power Amplifiers
- + Solid State from 10 Hz to 18 GHz
- + TWT's from 1GHz to 50 Ghz
- + Radiated Immunity Test Systems
- + Conducted Immunity Test Systems
- + High Power Antennas & Horns
- + EMI Field Testers & Probes
- + EMC Software - EMCWARE
- + Accessories



- + EMC Positioning Equipment
- + EMC Antennas
- + Turntables, Towers, Reverb Tuners
- + System Controllers

## EMI/EMC Chambers



- + Semi & Full Anechoic Chambers
- + Reverberation Chambers
- + RF Shielded Rooms & Doors
- + Antenna Test Ranges
- + Microwave Absorbers
- + Chamber Upgrades

## EMI/EMC Scanners



- + Patented Robotic EMC Scanners
- + Repeatable, High Resolution Scans
- + Multi-Scan Measurements
- + Near Field Probes & Probe Kits

## Environmental Test Solutions

### Chambers



- + Walk In / Drive In Chambers
- + Reach In Chambers
- + HALT/ HASS / Agree Chambers
- + Thermal Shock Chambers
- + Altitude Chambers
- + Environmental Stress Screening

### Shakers & Controllers



- + Shaker Tables
- + Slip Tables & Fixtures
- + Vibration Controllers
- + Head Expanders
- + Amplifiers & Replacement Amps

## Semiconductor



- + Hi Performance Probe Stations
- + Stations for Engineering and Production
- + Reliability Test Systems
- + Probes & Probe Cards
- + Hot / Cold Chucks
- + Rent or Lease-To-Own

## RF & Microwave



- + RF / Microwave Instruments
- + RF Signal Generators to 70 GHz
- + Broadband Vector Network Analyzers to 220 GHz; 1.1THz with extenders
- + 2 & 4-Port Compact VNA's to 43.5 GHz
- + Spectrum / Signal Analyzers



- + RF Power & Peak Power Meters
- + Peak Power Sensors
- + USB Power Meters
- + Noise Sources
- + Noise Generators



- + Multi-Channel, Phase Coherent, Ultra-Low Phase Noise Generators to 40 GHz
- + Real Time Phase Noise Analyzers, to 50 GHz, 100MHz Offset



- + RF Amplifiers - Pulsed & CW
- + Solid State & TWT
- + Freq Ranges 10 Hz - 50 Ghz
- + Power Ranges 1W - 100,000W



- + Amplifier Modules 30 - 512 MHz
- + Tactical Boost Amplifiers
- + Rack Mount Solid State Amps



- + Satellite Link Emulators - SLE
- + Advanced Channel Emulators - ACE
- + Carrier to Noise Generators - CNG
- + Frequency Converters
- + Satellite Link Modeling Software



- + EW Threat Simulators
- + EW Radar Test Sets
- + Multi-Platform Target Generators



- + RFIU's - System & Board Level
- + MiPXIe - COTS PXIe Development Boards
- + Modules - Custom LO, Amplifiers, Up/Down Converters
- + System Integration