



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 & PDU's



- + 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



- + AC & DC Sources
- + AC & DC Regenerative
- + AC & DC Electronic Loads
- + Power Supply Test Systems
- + Test Management Software



- + AC Power Conditioning
- + EMI/RFI Filters
- + Surge Protection
- + Sequenced Power Up
- + Orderly Shut Down

## Racks & Enclosures



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

## 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/NCSL 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 10 GS/s to 40 GS/s
- + Frequency Ranges up to 30 GHz ; 4 and 8 Channels

- + Modular Instruments and Switching Main Frames
- + Multiple Formats - PXIe/PXI, LXI, VXI & VME



- Switches - Digital & RF
- Controllers
- Digitizers
- Waveform Generators
- Digital Multi-Meters



- + Switch Cards; PXI, LXI, PCI, VXI
- + Matrix Cards
- + Multiplexers
- + Digital I/O
- + Programmable Resistors
- + RF Cards
- + Waveform Generators



- + PNT - Position Navigation Timing
- + GPS/SAASM Receivers
- + NTP Time Servers
- + GPS Satellite Simulators



- + 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

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



- + Broad Range of Modular Emissions and Immunity Testers
- + RF Amplifiers - 10 kHz to 40 GHz, up to 1100 Watts
- + Generators - Burst Signals, Ring Wave, Sine Wave & Surge
- + Simulators - ESD, Mains Dips & Drops, Automotive Disturbances
- + Probes - Current Injection, Current Sensing, Near Field
- + Antennas - EMC/RF, CISPR/IEC/EN, FCC & MIL STD testing
- + Chambers - Reverberation Chambers, GTEM/TEM Cells
- + Components - Pre-Amplifiers, Attenuators, Directional Couplers
- + Software - RF Immunity & Emissions; EMI / EMC Compliance

## EMI/EMC Chambers

raymond emc

- + Shielded Enclosures - Design, Fabrication & Installation
- + Anechoic Chambers - Modular Shielded Enclosure System
- + Accessories - Turntables, Doors, Vents, Panels, Feed-throughs
- + Service - We service all makes of EMI/EMC chambers

## 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

## Optical Test & Measurement



- + PXI Blades and Modular Systems
- + Mixed Signal Testing
- + Coherent Communications Test
- + Optical Pulse Analysis

## Semiconductor



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

## RF & Microwave



- + RF / Microwave Instruments
- + Signal Generators
- + Vector Network Analyzers
- + Spectrum Analyzers
- + Signal Analyzers



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



- + RF Amplifiers
- + Solid State & TWT to 40 GHz



- + RF Signal Generators
- + Ultra Low Phase Noise Synthesizers
- + Phase Noise Analyzers



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



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



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

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