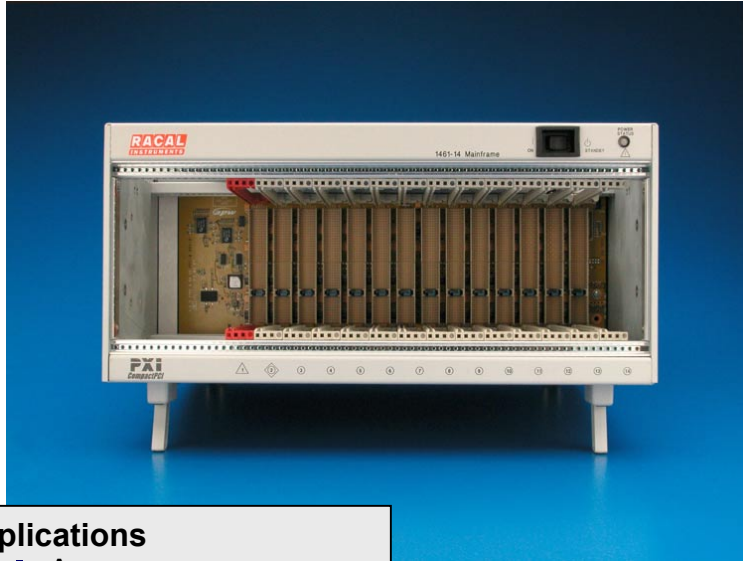


PXI Products



Racal Instruments, a recognized leader in functional test instruments systems now offers a PXI product line for a wide range of industries and applications, leveraging its 40+ years in test and measurement. Complete solutions include chassis, signal sourcing, and control. The new PXI line complements Racal Instruments' existing VXI and GPIB/RS-232/Ethernet test instrumentation.

Applications

- Aerospace
- Semiconductor
- Medical
- Automotive
- Industrial Electronics
- Consumer Electronics
- Communication
- Telecommunication

Available Measurement Parameters

- Output current up to 2 A
- Output voltage up to 30 VDC
- Sample clock and waveform triggering up to 100 MS/s
- Arbitrary waveform generation and up to 9 standard waveforms
- Up to 4096 waveform sequences
- Storage up to 1 Meg of waveforms
- Amplification of 40 V p-p signals
- Voltage, current, and temperature controls

Racal Instruments' PXI product line meets a wide range of test needs by providing expandability, control, signal sourcing, and upgradeability.

Model **1461-14**, 14-slot chassis, provides more slots than a typical 8-slot chassis without compromising performance. Its single-bridge design optimizes signal throughput, while its evenly distributed forced-air cooling protects high performance, power hungry modules.

Model **1268-001**, 500 MHz embedded controller card, is not only a space saving 2-slot module, but its modular design allows for easy expansion such as an external or internal Floppy Disk Drive (FDD), as well as upgradeability to the latest processor speed.

Model **3155**, 100 MS/s arbitrary waveform generator, is a versatile multi-function module

with standard waveforms, large waveform memory, and WaveCAD software for easy, custom waveform creation and control.

No longer are test systems limited by the chassis-supplied 5 or 12-volt rails, as the Model **9215**, power supply module, provides dual outputs programmable to 30 watts, 30 VDC, and 2 amps per output.

Model **5601**, wideband amplifier, outperforms typical low-output signal generators, with amplification up to 40 volts peak-to-peak into a high impedance and frequencies up to 20 MHz.

Combining efficient signal throughput, market leading cooling, expandability, and upgradeability, Racal Instruments' PXI solutions maximize performance and minimize downtime.

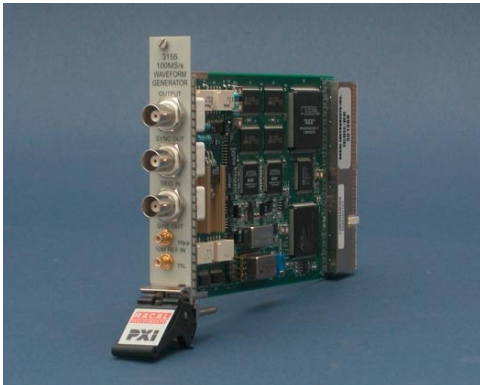


Chassis - Model 1461-14

- Uniformly distributed forced air cooling
- Economical 14-slot design
- Single PCI bridge for optimal throughput
- Accepts 3U PXI, CompactPCI, and 111.7 mm modules
- Built-in power supply with fan and power supply monitoring
- Bench top or rack mount
- Available automatic fan monitoring

Programmable DC Power Supply - Model 9215

- Dual programmable outputs rated at 30 VDC, 2A, 30 W
- Independent outputs, parallel or series configuration
- Programmable current and voltage limits
- Voltage and current sensing
- Over-voltage, over-current, and temperature control



Arbitrary Waveform Generator - Model 3155

- ARB, pulse, and function generator
- Sample clock up to 100 MS/s
- WaveCAD 6.0 software
- Versatile and accurate, including 4096 waveform sequences
- 1 Meg waveform memory, and 14-bit vertical resolution

Embedded Controller - Model 1268-001

- Intel CPU with MS Windows 2000 or XP PRO.
- 2-slot module with standard 256 MB RAM, 20 GB HDD, GPIB, Ethernet, USB, parallel, and dual serial interfaces
- Modular design for expandability
- Upgradeable processor card



Wideband Amplifier - Model 5601

- High frequency range from DC to 20 MHz
- Provides high-output signals with outputs of 0 to 20 Vp-p into a matching impedance or 0 to 40 Vp-p into a high impedance
- Available in custom configurations

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