



H.G. Associates

HG Associates
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NEW PRODUCT ANNOUNCEMENTS

Serving New England for Sensors, Data Acquisition and Test Instrumentation

Non - Contact Displacement Measurement



MTI Instruments has chosen HG Associates as their representative for New England. MTI Instruments is a leader in non-contact displacement, position, vibration, thickness, proximity and other dimensional measurement applications. Utilizing laser, fiber-optic, and capacitive technologies MTI Instruments offers unparalleled accuracy and ease of use.

Applications:

- Flatness
- Dimensional Gauging
- Displacement
- Shaft Run out
- Alignment
- Thickness
- Vibration
- Micro-positioning

The Microtrak II features state-of-the-art CMOS laser triangulation technology for precise measurements of displacement, position, vibration and thickness. Unaffected by surface texture, color or stray light, the Microtrak II is ideal for solving tough production applications throughout a variety of industries.

Contact HGA today for a demo of these exciting new products.

www.mtiinstruments.com



MTI-2100



MicroTrak II



www.tegam.com

New Function Arbitrary Waveform Generator

The 2700 series of Function/Arbitrary Waveform Generators combines direct digital synthesis function generator architecture with the unmatched precision of true arbitrary waveform generators for the best of both worlds in signal generation.

Create and generate high-speed, standard, or user-defined waveforms ranging from 1 μ Hz to 50 MHz. Any of the 2700 series is ideal for replacement of traditional function, sine, pulse, or sweep generators with the addition of true arbitrary waveform capabilities. These units outperform other function generators by offering core design advantages including 14-bit vertical resolution, up to 4 Mega points of segmentable RAM, 0.01 S/s-125 MS/s sampling, programmable sync pulse, sine waves to 50 MHz, sweeps from 10 ms to 500 s, internal/external modulation, and more.



New from Iotech The Leader in Data Acquisition, Personal Daq 3000

Out-of-the-Box software for effortless data logging & analysis



- 1-MHz, 16-bit multifunction USB modules
- Synchronous analog input, analog output, digital I/O, and counter/timer I/O
- 8 differential or 16 single-ended analog inputs (software selectable per channel)
- Thermocouple inputs on any of the 8 differential inputs
- User-expandable up to 64SE/32DE analog inputs including thermocouple measurements
- Up to four 16-bit, 1-MHz analog outputs
- 24 high speed digital I/O lines
- Four 32-bit counter input channels with quadrature encoder capability
- Low-latency control output capability (as low as 2 μ s latency) From \$899.00

PDQ30 expands 3000 up to 64SE or 32DE analog voltage or thermocouple channels. Contact HG Associates for a demonstration



www.iotech.com



Pulizzi Engineering Offers Power Distribution & Control For Worldwide Applications

IPC3601



NEW! This unit allows for control via RS232 or ethernet with a browser, telnet or SNMP. This model features event scheduling, e-mail notifications, outlet grouping, and user level outlet access. The IPC3601 has eight IEC C13 "computer style" outlets that operate at 100-240 volts.

T982



Flexible user configurations to fit your application. Outlets: 12 IEC or NEMA 120volt @ 15,20, or 30 amps or 240volts @ 15,20 or 30 amps, Current monitor meter, filtering, and locking outlets available. Call HG Associates for configuration pricing.

www.pulizzi.com

HG Associates represents the following companies in the New England area . . .

ACRA Control

Digital Signal Processing & Conditioning
System Wide Synchronous Operation
Integrated Solid-State Memory Storage

BP Microsystems

Universal Device Programmers
Manual & Automated

Delta Digital Video

Video Compression
Scan Conversion Products

Displays For Industry

Industrial Flat Panel Monitors
6.4 to 21 inches

Frequency Devices

Filters & Amplifiers For OEM & Laboratory
DSP Building Blocks For Integrated Solution

Heim Data Systems Inc.

Digital Flight Test Recorders
Multi Channel Analog Recorders
IRIG Chapter 10

Interface

Precision Force Measurement
Load Cell Calibration Systems
Torque Sensors

Iotech, Inc.

PC Based
Data Acquisition & Instrumentation

Jewell Instruments

Inertial Sensors, Accelerometers,
& Inclinometers

LDS /Gould Instrument Systems

Multi-Channel Graphic Recorders
Digital Storage Oscilloscopes

LDS / Nicolet

Digital Storage Oscilloscopes
Multi-Channel Signal Analysis

Luxtron

Fiber Optic Thermometry
Immune To EMI/RF

Magna-Power

High Power DC Power Supplies
3.3kW to 750 kW

MTI Instruments

Non-Contact Measurement Systems
For Position, Displacement &
Vibration Applications

Pulizzi Engineering

Intelligent Power Control Systems
AC Power Distribution

R.D.P. Electrosense

Linear & Rotary Displacement Transducers

T & C Power Conversion

Standard & Custom RF Amplifiers
9Khz to 1Ghz

TEGAM / Pragmatic

Test & Measurement For Metrology
Calibration & Production Test

Texas Instruments, Inc.

High Performance/Low Cost
Pressure Transducers 0 - 4,000 PSI

TR Electronic

Software Programmable Rotary
Absolute & Incremental Encoders &
Laser Distance Measurement

Visit us online
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