



# ISA EXPO 2007

*The one-stop-shop for in-depth technical coverage and a new product showcase for automation and control solutions*



Offering extensive information on new automation and control technologies and an opportunity to mix and mingle with like-minded professionals, the ISA EXPO 2007 is set for Houston, Texas, Oct. 2 to 4 at the Reliant Center.

In addition to featuring exhibitors ranging from industry leaders to cutting-edge start-up companies, ISA EXPO 2007 will offer attendees peer-reviewed technical sessions, standards development meetings, topical forums and much more.

North America's largest automation and control exhibition will showcase the following focused product and technology pavilions:

**Industrial Communications Pavilion.** Features communication technologies ranging from wireless data links to fiber-optic Ethernet switches. The pavilion also includes automation interface products, integration of information within the enterprise, connectivity between devices, process control and management systems.

**Software Solutions Pavilion.** Offers a focal point for attendees looking for software products to help their operations run with security, reliability and efficiency.

**Environmental Pavilion.** Provides products and solutions that can help companies comply with environmental regulations.

**Sensors Fair.** Showcases sensors, transducers, detectors and related technologies for both process and discrete industrial automation applications.

With so much to see and learn at ISA EXPO 2007, the event is sure to offer attendees the best solutions for their needs and automation challenges.

Be sure to visit *Water & Wastes Digest* at booth #2652 to pick up a copy of our newest issues and supplements. **WWD**

For more information, go to [www.isa.org/isaexpo2007](http://www.isa.org/isaexpo2007).

## ISA 2007 PRODUCTS



### PRESSURE TRANSDUCER

The new Ashcroft T2 compact pressure transducer delivers better than  $\pm 0.25\%$  FS static accuracy, with a total error band rating better than  $\pm 1\%$  between  $-20$  and  $85^\circ\text{C}$ . An all-welded stainless steel pressure port and an internal circuit cage equip the unit for long life in the presence of over-pressure, shock, vibration and pressure cycling.  
Ashcroft, Inc. • Stratford, CT  
Phone 800/328-8258 • [www.ashcroft.com](http://www.ashcroft.com)  
ISA Booth #1732 • Write in 1241



### ULTRASONIC FLOWMETER

The Sonic-Pro Series of hybrid ultrasonic flowmeters can measure fluid flow using either doppler or transit time methods. Additional features include noninvasive clamp-on transducers; custom metric algorithms and DSP technology that ensures accurate measurement; easy-to-read QVGA display; isolated 4- to 20-mA configurable output; and a computer connection via RS-232, RS-485, USB or Ethernet, permitting remote access to all functions.  
Blue-White Industries • Huntington Beach, CA  
Phone 714/893-8529 • [www.bluwite.com](http://www.bluwite.com)  
ISA Booth #2908 • Write in 1246



### GAS MONITOR

The GasAlertMicro 5, a rugged water-resistant instrument, is capable of simultaneously monitoring up to five gases, including combustible gases,  $\text{H}_2\text{S}$ ,  $\text{CO}$ ,  $\text{O}_2$  and other toxic gases, including ammonia, chlorine and phosphine. Choose from optional data logging, motorized pump, multilingual support and a variety of power options.  
BW Technologies • Arlington, TX  
Phone 888/749-8878 • [www.gasmonitors.com](http://www.gasmonitors.com)  
ISA Booth #1634 • Write in 1242



### METER

The Hach HQd plug-and-play meter with IntelliCAL probes allows users to save time and money while ensuring confidence in the results. With the ability to measure three parameters—pH, conductivity or dissolved oxygen—using LDO technology, the meter provides the ultimate in flexibility and expandability.  
Hach Co. • Loveland, CO  
Phone 800/227-4224 • [www.hach.com](http://www.hach.com)  
ISA Booth #2416 • Write in 1247



### TOTALIZER

The Loop Leader PD684 is a full-featured  $\frac{1}{8}$  DIN NEMA 4X rate/totalizer with a 0.03% five-digit rate display and eight-digit totalizer. The unit includes an 0.6-in. backlit LCD and can be easily added to 4-20 mA loops with only a 2-volt drop. Standard features include square root extraction, open channel flow math function, shallow 3.2-in. depth case, alarm or pulse output, custom engineering units and more.  
Precision Digital Corp. • Natick, MA  
Phone 800/343-1001 • [www.loopleader.com](http://www.loopleader.com)  
ISA Booth #1342 • Write in 1243



### FLOWMETERS

These new ValuMass Series 500/540 thermal gas mass flowmeters incorporate rugged construction and proven technology in a lower-cost option for the accurate measurement of blower air, compressed air, HVAC and aeration applications. All ValuMass inline and insertion flowmeters accommodate virtually any installation requirements.  
Eldridge Products, Inc. • Monterey, CA  
Phone 831/648-7777 • [www.epiflow.com](http://www.epiflow.com)  
ISA Booth #1528 • Write in 1248



### FLOWMETER

The new V2 System flowmeter features built-in flow conditioning for accuracy and requires minimum upstream/downstream straight-run piping. It works in line sizes from 4 to 18 in. and wherever other flow technologies are impractical or unworkable due to necessary and complex construction.  
McCrometer, Inc. • Hemet, CA  
Phone 800/220-2279 • [www.mccrometer.com](http://www.mccrometer.com)  
ISA Booth #2817 • Write in 1244



### MONITORING

The Jerome 651 hydrogen sulfide monitoring system provides long-term environmental analysis, even in extreme weather conditions. For large sites, multiple units can be linked to form a perimeter monitoring system. Built-in software, data logging and radio telemetry capabilities make downloading data convenient and easy.  
Arizona Instrument, LLC • Tempe, AZ  
Phone 480/804-0656 • [www.azic.com](http://www.azic.com)  
ISA Booth #2651 • Write in 1249



### PRESSURE GAUGE

The 1200 Series pressure gauges monitor pressures in every type of process. In basic applications, the rugged Type 1259 is the economical choice for years of dependable service. In more rigorous installations, the type 1259 works in the presence of harsh pressure media, fire hazards or extreme cycle volumes. Add pulsation and vibration, and the Type 1279 Duragauge Plus dampens pointer flutter without the need for liquid fill.  
Ashcroft, Inc. • Stratford, CT  
Phone 800/328-8258 • [www.ashcroft.com](http://www.ashcroft.com)  
ISA Booth #1732 • Write in 1245



### PORTABLE SAMPLER

The new Hach Sigma SD900 portable sampler sets up in the field in less than two minutes. Large, color-coded keys accommodate gloved hands, and a five-line, transfective LED backlit display stays readable in bright or subdued light. In addition, the unit requires minimal maintenance while maximizing reliable results.  
Hach Co. • Loveland, CO  
Phone 800/227-4224 • [www.hach.com](http://www.hach.com)  
ISA Booth #2416 • Write in 1250