

# READERS' CHOICE AWARDS

A circular logo with a serrated edge. The text "2011 READERS' CHOICE AWARDS" is written around the perimeter. In the center, the word "CONTROL" is written in a bold, stylized font, with the "O" being a large, white circle.

## Our 19th Survey!

Control Readers Pick Their Preferences  
in More than 100 Process Automation  
Technologies.

Welcome to the Annual Control Readers' Choice Awards, our 19th edition. We've surveyed our readers, and we asked them, in a series of unaided (that means no preselected choices in dropdown boxes) surveys for their selections among all the solution providers they regularly work with. As we have for the past several years, we surveyed not only the print magazine's readers, but also subscribers to our digital media outlets: email newsletters, webinars, podcasts and all of the other media you can find at ControlGlobal.com. This year's awards represent the collective opinion of over 1000 automation professionals.

The results still reflect a North American bias. However, each year we see more responses from automation professionals from outside the United States. This has made some clear changes in the standings.

For the third year in a row, we've broken out control platform awards by discipline. We've named them "Best in Control" (see Table 1), and each category represents end-user selections in



## The Heat (and Pressure) Is On

As you might expect, the supplier of the most commonly used pressure transmitters and temperature transmitters overwhelmingly dominated this category. If you haven't guessed, it was Emerson Process Measurement that won every pressure and temperature transmitter category except Infrared Temperature

Sensors and Infrared Imaging/Thermography. In a bit of a surprise, **JMS Southeast took top honors in the RTD category**, and Fluke Raytek/Ircon took the infrared categories. Fluke Raytek/Ircon is part of Danaher. Omega Engineering, Pyromation and Thermo Electric also made the temperature honor roll.

### Pressure Transmitter

- ★ Emerson Process Management
- 2. ABB
- 3. Yokogawa
- 4. Endress+Hauser
- 5. Honeywell Process Solutions
- 6. Siemens Industry

### Resistance Temperature Detector

- ★ Emerson Process Management
- 2. **JMS Southeast**
- 3. Pyromation
- 4. Omega Engineering
- 5. ABB
- 6. Thermo Electric

### Thermocouple

- ★ **JMS Southeast**
- 2. Emerson Process Management
- 3. Omega Engineering
- 4. Pyromation
- 5. Thermo Electric

### Temperature Transmitter

- ★ Emerson Process Management
- 2. ABB
- 3. **JMS Southeast**
- 4. Endress+Hauser
- 5. Honeywell Process Solutions
- 6. Pyromation
- 7. Yokogawa Electric
- 8. Moore Industries-International

### Infrared Temperature Sensor

- ★ Fluke Raytek/Ircon
- 2. Ametek Land
- 3. Omega Engineering
- 4. Mikron Infrared

### Infrared Imaging/Thermography

- ★ FLIR Systems
- 2. Fluke Raytek/Ircon
- 3. Ametek Land
- 4. Emerson Process Management

## A Process Analysis Primer

As quality and performance have become more important in the batch, hybrid and continuous process industries, online process analyzers have proliferated, gotten more robust, and less costly. In this table, we present the top honors in the online process analyzer group. This year, ABB surged to lead four of the seven categories of online analyzers. Emerson Process Management took

two categories, while GE Measurement and Control took one.

Online analyzers are not yet to the level of pressure or temperature measurement in terms of simplicity, robustness and operator friendliness, but new operator interface designs by ABB and Emerson are clearly making themselves felt in the readers' choices.

### Ambient Gas Analyzer

- ★ ABB
- 2. MSA
- 3. Emerson Process Management

### Density/Concentration Analyzer

- ★ Emerson Process Management
- 2. Endress+Hauser
- 3. Berthold Technologies
- 4. Yokogawa Electric
- 5. Ohmart/Vega
- 6. ABB

### Humidity/Moisture Analyzer

- ★ GE Measurement & Control
- 2. Vaisala
- 3. Cosa Instrument
- 4. Emerson Process Management
- 5. Ametek
- 6. Rotronic

### pH/ORP/Conductivity Analyzer

- ★ Emerson Process Management
- 2. ABB
- 3. Yokogawa Electric
- 4. Endress+Hauser
- 5. Hach
- 6. Mettler Toledo
- 7. Invensys Operations Management

### Process Chromatograph

- ★ ABB
- 2. Siemens Industry
- 3. Emerson Process Management
- 4. Yokogawa

### Process Spectrometer

- ★ ABB
- 2. Emerson Process Management
- 3. Siemens Industry

### Stack Gas/Emissions Analyzer

- ★ ABB
- 2. Emerson Process Management
- 3. Ametek Thermo
- 4. Siemens Industry
- 5. Sick Maihak
- 5. Yokogawa Electric