



Northbrook News

Supplying Instrumentation and Process Controls to Industry

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Links to more information

Find out more about Northbrook's extensive product lines:

<http://northbrookint.ca/products.php>

Ircon Thermal Imaging products:

<http://www.ircon.com/web/prod/thermal.php>

Ircon Handheld Infrared Thermometers:

<http://www.ircon.com/web/prod/ultimax.php>

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Northbrook International Controls

Northbrook International Controls Inc. was formed in September 2005 to supply instrumentation and process controls to industry. Northbrook represents quality North American and European manufacturers. As needs and new technology present themselves, Northbrook will be on the cutting edge of the latest and most innovative instrumentation available.

We also supply and support secure Scada and Process control software.

Located in Vancouver, British Columbia, Northbrook Controls is strategically positioned to offer maximum support for all its products.

Our company personnel have collectively over 60 years experience in the industry. The company president, Stan O'Keeffe, has managed several highly successful instrumentation companies.

For further information about our company and the products we offer please contact us and we will be happy to discuss your particular needs and requirements.

Ircon

Whether you are in the business of manufacturing or processing metals, glass, plastics, ceramics, paper, textiles, chemicals, packaging, food or pharmaceuticals, chances are IRCON has a solution to address your situation.

To meet specific customer needs and application requirements, the IRCON product line offers a wide selection of on-line, non-contact infrared sensors, including highly reliable two-color thermometers; handheld thermometers; line scanners; thermal imaging systems; calibration systems and accessories.

Each series of instruments offers a wide range of temperature spans and spectral regions. Additionally, IRCON infrared thermometers feature through-the-lens focusable optics, to allow viewing and measuring temperatures of small targets.

Modline 5



Modline 5 is the latest and most advanced infrared thermometer series in the IRCON lineup, built to serve a wide range of industrial temperature measurement applications. Designed with extensive customer input and engineered with the expertise that comes from over 45 years experience in the business, Modline 5 offers advanced features available with no other infrared thermometer series on the market.

NEW Series! Modline 5 56 Series Sensor Highlights:

- **NEW!** -- 2 micron (2.0 - 2.8 or 2.3 - 2.6) and lower temperature (as low as 50° C / 122° F) units to serve a wider range of applications
- **NEW!** -- Thermo-electrically cooled detector
- **NEW!** -- Internal self-calibration feature

Modline 5 Sensor Features:

- Self-contained, Stand-Alone infrared thermometer -- no remote electronics needed for operation
- PC software for remote sensor setup, configuration and monitoring included
- Durable, sealed stainless steel NEMA 4 housing
- Total System Health Check diagnostics feature verifies that the Modline 5 is working within factory specifications
- Innovative Match Function allows you to input the process temperature (if known) and automatically adjust emissivity
- Our optional Dirty Window Detector (DWD) checks the temperature sensor window to determine if there is any build-up
- A complete line of accessories to help the Modline 5 perform in any temperature sensing application
- Easy-adjusting optics to focus precisely on target
- Built-In, thru-the-lens Visual or Laser sighting

Modline 4



Looking for a low cost infrared thermometer for OEM applications? The Iacon Modline 4 pyrometer provides two wire simplicity in a small temperature sensing head that can handle industrial applications from -50°F to 2500°F (-50°C to 1300°C). The Modline 4 consists of one Sensor, Conduit Fitting and one detailed Operations Manual. Complete descriptions and specifications are as shown in the catalog.

- Economical Spot Pyrometer
- Rugged, Compact, Self-Contained
- Reliable, Stable, Drift-Free Operation
- Built-In Two Wire Transmitter
- Power With 16-40 Vdc
- Provides 4-20 mAdc Linear Temperature Output
- Emissivity And Response Time Adjustment Built In
- Choice Of Six Spectral Ranges
- Optional Peak Picker

Ultimax



Ultimax is Ircon's series of handheld, portable infrared thermometers. With the ability to handle temperatures up to 3000°C (5430°F) the Ultimax is the perfect spot pyrometer for maintenance applications and verification of process temperatures

For users that need temperature reporting capabilities, the Ultimax Infrared thermometer can be used in datalogging mode to store up to 1000 temperature measurements. Ultimax data analysis software can then be used to graph, display, or export this temperature information.

- Precision Spot Size Measurement
- Through The Lens Viewing
- Focusable Optics
- Microprocessor-Based Electronics
- Analog And Digital Outputs
- Digital Adjustments
- Choice Of Four Spectral Ranges
- Single Color/Two color Ratio Thermometer
- Internal And External Display