

# Turbocharge your production line with IRt/c technology.

Exergen IRt/c™ non-contact temperature sensors can push production line performance to record highs, with blazingly fast set-up and top production speed. IRt/c sensors measure the actual temperature and thermal signature of every product on the line with unprecedented speed and accuracy. That means reduced set-up time, less scrap, higher product quality, increased throughput – and greater profitability, whatever the product or process.

Exergen IRt/c sensors come hermetically sealed in a range of sizes and configurations for every imaginable application. They are designed for years of trouble-free operation in a wide variety of the toughest environments. In fact, IRt/c sensors are so rugged, professional auto racing teams use them to measure critical temperature variables during competition.

IRt/c's need no power supply and can be connected to standard thermocouple devices to give an instant boost in start-up speed.

IRt/c's control rotary heaters and sealers, thermoforming, laminating and hot-glue applications, increasing speeds up to 20% while cutting set-up time by up to 90%.

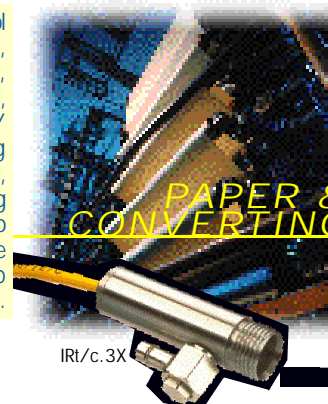


IRt/c.1X

IRt/c TECHNOLOGY GIVES FINANCIAL EXECUTIVES ACCELERATED PROFITS; HIGHER THROUGHPUT MEANS REDUCED UNIT COST.

IRt/c TECHNOLOGY GIVES O.E.M. CEOs A COMPETITIVE EDGE WITH UNPRECEDENTED MACHINE SPEED.

IRt/c's control paper drying, laminating, ink printing, embossing/stamping and gluing, boosting speeds up to 20% while cutting scrap up to 75%.

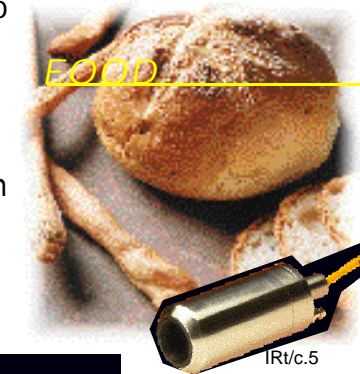


IRt/c.3X

IRt/c TECHNOLOGY GIVES CHIEF ENGINEERS INCREASED POWER FOR HIGHER THROUGHPUT.

IRt/c TECHNOLOGY GIVES PRODUCTION MANAGERS THE ABILITY TO DELIVER HIGH-QUALITY PRODUCTS FASTER THAN EVER.

Superior to conventional temperature measuring devices in both accuracy and capabilities, Exergen non-



IRt/c.5

IRt/c's speed up processes such as mixing, freezing, cooking/heating, freeze-drying and food packaging, increasing speed up to 20% and reducing waste up to 90%.

technology is the new solution for the toughest production problems in a wide variety of industries.

Call 1-800-422-3006 now for more information and a free copy of *The IRt/c Book* (download from [www.exergen.com](http://www.exergen.com)), with case histories detailing increased production speeds, plus complete IRt/c specifications. IRt/c's are the right equipment for high speed production.



IRt/c.01

IRt/c's regulate press temperatures to control web and ink drying, as well as waterless/DI printing and bindery processes – increasing speeds up to 5% while cutting scrap up to 95%.

<http://www.exergen.com>

**EXERGEN**  
1-800-422-3006

# EXERGEN

Exergen offers system solutions and technical application support for any thermal process requiring temperature measurement or control. More than 300 models of non-contact infrared sensors are available to provide accurate, reliable, and cost effective temperature measurements and control for your most demanding applications.

Models include:

- Standard IRt/c infrared thermocouple models, (J, K, T, E, R, S) with target temperature ranges from -50 to 5000°F; 12 fields-of-view from 1:2 to 100:1; minimum spot size 1mm; focused spot sizes of 4, 6, 8, or 12mm; low/high emissivity models for metal/non-metal targets; adjustable linearity models; size from 1.28 (32.5mm) long/0.5" (12.7mm) diameter. Various cooling, air purge, periscope options

available. Meets all NEMA standards.

- Handheld Microscanner models for accurate scanning of electrical equipment and NIST-traceable surface temperature calibration – a must for ISO 9001, 9002, 9003 programs.
- SnakeEye™ Sensor for production line quality inspection of thermal processes/thermal signatures at speeds of up to 1000 ft. per minute.
- IRt/c.2132 – a fully programmable controller preconfigured to interface with any IRt/c™ sensor for your specific application.

Exergen Sales Engineers are available for technical support and product recommendations via our site on the World Wide Web: <http://www.exergen.com>, by phone at 1-800-422-3006, or via fax 617-923-9911.



Distributed by:

# EXERGEN

Non-Contact Infrared Temperature Sensing: The Right Equipment For High Speed Production.



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When your product's on the line, make sure we are too.