



Industries Served
(from A-z)

- Aerospace*
- Agriculture**
- Asphalt**
- Automotive**
- Bottling
- Chemical**
- Diagnostics
- Electrical Power**
- Electronics
- Food*
- Glass**
- Heating**
- ICING
- Induction Heating
- Junk Food
- Kilns**
- Laminating
- Machining**
- Medical**
- Metals
- Nautical*
- Ovens**
- Packaging
- Paper*
- Pharmaceutical
- Plastics**
- Printing**
- QUALITY CONTROL
- Refrigerating
- Semiconductor*
- TEXTILES
- UV Drying*
- Vegetables
- Waterless Printing
- X-Rays**
- Yarn**
- Zinc**

IRU's are scattered throughout the world.

The Exergen Creed

We are the best in the world at what we do.

And our products and services must be commensurate with our mission of supplying our customers with the best.

To help them be the best in the world at what they do.

Dr. Francesco Pompei
President and Founder

EXERGEN

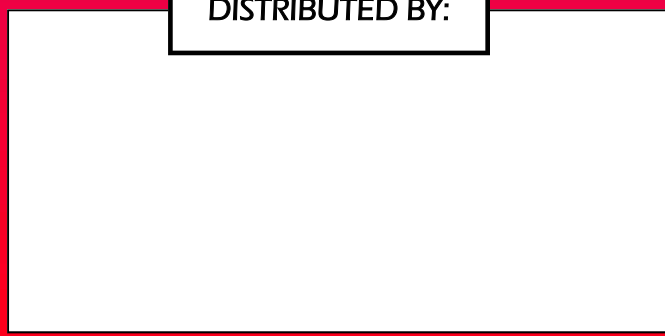
C O R P O R A T I O N

INDUSTRIAL DIVISION

Infrared temperature sensors for temperature control, process control, factory automation, and OEM



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EXERGEN

Industrial Division

During the 1970's energy crisis, Exergen Corporation was formed as a consulting company to develop new methods of reducing energy use for institutional and industrial clients. To find targets for energy savings, Exergen designed innovative sensors and instruments which measured energy lost through temperature changes or leakage at critical construction points, such as around window casing.

This early work led to the design and manufacturing of an extensive line of infrared sensors, thermometers, and scanners for industrial and medical applications. The advantages of the infrared temperature technique include:

- Measurement in hard to reach areas, such as embedded areas, electrical transformers or production ovens.
- Non-destructive, non-contaminating technique, for use in product quality control.
- Temperature determinations of moving objects, such as products on conveyor belts.



With 30 years of experience, Exergen recognizes its customer's needs. Reliable and fast equipment are required to increase production line throughput in the industrial world today.



Exergen satisfies the need for speed and reliability in any process!

Infrared Temperature Products

Relied upon by industry, Exergen Non-contact Infrared Temperature products provide accurate, reliable, and cost effective temperature measurements at process critical control points. With over 300 models, Exergen temperature sensors are an industry standard in such diverse applications as printing, packaging, climate control, and medicine. Exergen's product selection includes:



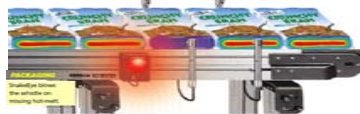
IRT/c™ - Industry's most widely used infrared thermocouple sensor. With no power requirement, this extensive product line includes a wide selection of temperature ranges, sight views, and housings to meet the needs of the most difficult applications.

Smart IRT/c™ - Fully linearized, plug and play, powered sensor. Achieve optimal accuracy over temperature ranges from -30 to 70°C and 0 to 100 °C. With the Smart Air Purge, Smart Emissivity Shift Compensation, Smart Ambient Radiation Error Correction, Smart Continuous Auto Calibration, Automatic Self-Diagnostics, and Smart Six Variable Calibration, this product is the most accurate on the market.



Smart-microIRT/c™ - Remote micro sized sensor heads (4 types available) wired to Smart electronics with similar features as Smart IRT/c's

DX Series - The world's first pocket handheld infrared temperature units. NIST traceable measurement accuracy allows double duty as a temperature calibration unit as well as a thermal scanning measurement device.



SnakeEye™ - The industry's choice for production line quality inspection of thermal processes/thermal

signatures at speeds up to 1000 ft. per minute.

RELIABILITY FACTOR

Reliable SELF POWERED IRT/c's installed in your equipment will minimize downtime, and protect your equipment. The Mean Time Between Failure rate of a self powered IRT/c is > 1,000 years.

INCREASE PRODUCTION LINE SPEED

Obtain an edge over your competition by increasing your production line speed with Exergen IRT/c's and SPEED BOOST methods.

EASE OF USE

True thermocouple, analog, or digital output available

SIZE DOES MATTER

The smallest sized sensor heads

INTRINSICALLY SAFE

Self powered IRT/c's are simple, and can be used in hazardous locations with IS barriers

WIDE VARIETY

Over 300 models to choose from

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