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**PRESS RELEASE**

**Exergen introduces lower cost IRt/c's**

Exergen Corporation, the leading manufacturer of infrared temperature sensors has introduced the new **IRt/c.01Z** at a 36% reduction in price compared to the standard IRt/c.01. The new IRt/c.01Z is functionally the same as the IRt/c.01. The field of view is 1:1, with the same light duty ABS plastic, convenient size, and threaded body with locknuts. They are calibrated to match K type thermocouples at temperatures close to their calibration points. They are self powered and hold the same reliability factors as all other self powered, precalibrated IRt/c's. Being passive devices the MTBF (Mean Time Between Failure) rate is > 1,000 years. So that means that the IRt/c.01Z costs about 10 cents per year. Exergen's most expensive IRt/c will cost about \$1 per year.

The **IRt/c.01Z** is calibrated to real world conditions, IRt/c's are specifically designed to be accurate and reproducible under real world conditions of targets that approximate gray-bodies, with ambient temperatures that vary, thus with reflected radiation that varies. The performance specifications of the IRt/c.01Z, unlike conventional infrared devices, *include gray-body effects*.

The **IRt/c.01Z** has higher impedance (~30 kohms) compared to conventional t/c's and IRt/c's. So selection of input devices needs special attention, and Exergen's ace technical staff can help you with input device selection, amplifier, and control designs for OEM's.

The **IRt/c.01Z** has an attractive size, performance, reliability and price (like the microIRt/c) for the OEM market. Please contact Bob Harris at 617.923.9900, ext 6238 to order a demo or to set up a live presentation from your local rep.

**About Exergen**

Exergen Corporation, located in Watertown, MA, designs and manufactures infrared temperature sensors designed for the performance of fast, accurate and non-invasive temperature measurements used in virtually all industries. Exergen's commitment to innovative temperature control technology continues to help customers meet or exceed their production requirements.

For more information about Exergen IRt/c non-contact temperature technology, please contact: Bob Harris, Exergen Corporation, 400 Pleasant Street, Watertown, MA, 02472; Call 617-923-9900, ext 6238; Fax 617-923-9911; or e-mail [industrial@exergen.com](mailto:industrial@exergen.com).

Information is also available on the company's website at <http://www.exergen.com/industrl>