

EXERGEN GLOBAL'S REFLECTIVE CONE FOR INFRARED SENSORS NAMED INNOVATION FINALIST IN BEST OF SENSORS EXPO AWARDS

Cone is Only Device to Prevent Temperature Errors Caused by Ambient Radiation and Emissivity

WATERTOWN, Mass., and ZIJTAART, the Netherlands, June 1, 2015 – Exergen Global announced that its Reflective Cone, a custom-designed tool that works with the company's IRt/c infrared sensors, has been named an innovation finalist in the Best of Sensors Expo Awards.

Exergen Global's Reflective Cone is the only device to prevent temperature errors caused by ambient radiation and emissivity. The custom-designed cone works with Exergen's non-contact IRt/c sensors to ensure high-quality processing for a wide range of industrial applications, including semiconductor, printing, plastics and other production processes.

The Reflective Cone was one of nearly one hundred entrants for the innovation award, ranging from analog MEMS microphones, to magnetic position sensors, to gas and thermal sensors.

"Most conventional IR sensors do not account for the frequent and sometimes significant changes in surface emissivity, resulting in less accurate temperature readings," said Mat Dirjish, Sensor Magazine. "Exergen's Reflective Cone overcomes this problem because its custom-fitted conical design prevents ambient radiation from entering the surface being measured, and reflects emitted radiation and directs it to the sensor detector. By decreasing ambient reflections and emissivity variations, the Reflective Cone reduces temperature measurement errors by a factor of ten."

The Best of Sensors Expo Awards for innovation recognizes advances in sensor and sensor-related technologies, either in the form of novel technologies or as significant improvements in existing technologies.

About Exergen Corporation and Exergen Global

Exergen Corporation, the global leader in industrial and medical non-invasive temperature technology, provides non-invasive temperature measurement devices providing lower cost, higher accuracy, less invasiveness, and greater reliability than ever previously possible. Exergen is well known in the healthcare and consumer market for its award-winning temporal artery thermometer. The company was founded by Harvard-research scientist Dr. Francesco Pompei, who holds over 70 patents. Exergen Corporation is based in Watertown, Massachusetts, U.S.

Exergen Global is the worldwide solutions provider of Exergen Corporation's industrial non-contact infrared temperature sensors. Exergen uses Sensoranics™, a unique, proprietary, integrated approach to developing best-in-class infrared temperature sensor solutions. Sensoranics melds the company's innovative sensor technology and unmatched thermal management expertise with its customers' and its own mechanical engineering knowledge to create award-winning solutions for even the toughest thermal challenges.

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