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PRESS RELEASE

Heat Balance Series for medical applications with Exergen IRt/c's

Exergen Corporation, the leading manufacturer of infrared temperature sensors has introduced the IRt/c-HB infrared thermocouple series for medical applications, which provides a big boost in throughput and accuracy, resulting in smaller heat exchangers.

These non-invasive temperature sensors can measure fluid temperature through metal or plastic walls by using a patented heat balance method for the ultimate in speed and accuracy.

The Heat Balance (HB) Series of IRt/c infrared thermocouples have the ability to measure the internal temperature of the target material noninvasively, by employing a patented heat balance technique. A typical application in medical equipment is monitoring or controlling the temperature of fluid transported through disposable tubing when warming or cooling:

- Transfusion Systems
- IV Warming Systems
- Dialysis Systems
- Cardio-pulmonary bypass systems
- ECMO systems
- Blood analyzers

The IRt/c actually measures the internal fluid temperature by measuring both tubing surface and ambient temperatures and then calculating the internal temperature necessary to maintain the heat balance.

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.

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