

# EXERGEN

CORPORATION

Industrial Division  
400 Pleasant Street  
Watertown, MA 02472  
617.923.9900 • 800.422.3006  
Fax: 617.923.9911  
[www.exergen.com](http://www.exergen.com)

## **EC DECLARATION OF CONFORMITY**

We: Exergen Corporation  
400 Pleasant St.  
Watertown, MA 02472 USA

European Representative: Exergen Industrial OEM Sales Globall  
Pastoor Clercxstraat 26  
5465 RH Veghel, Netherlands

declare under sole responsibility that the IRt/c's™ (Infrared Thermocouples) described in the attached material to which this declaration relates, meets the essential health and safety requirements and is in conformity with the relevant EC Directives listed below using the relevant section of the following EC standards and other normative documents;

### **EU EMC Directive 89/336/EEC**

Essential health and safety requirements relating to electromagnetic compatibility

#### **Article 10**

The nature of IRt/c's is such that they do not generate any electromagnetic disturbance and they have an adequate level of intrinsic immunity of electromagnetic disturbance to operate as intended.

IRt/c's consist of an infrared thermopile with passive conditioning electronics to produce an output that mimics that of a standard thermocouple. The voltages produced are less than 0.1 volts. Models that are to be used in environments with electromagnetic disturbances are encased in a stainless steel housing that is connected to the ground shield of the output wire

### **British Standard BS EN61010-1: 1993**

Essential health and safety requirements relating to electrical equipment for measurement, control, and laboratory use.

The IRt/c's comply with all safety relevant provisions referring to:

- Protection against electrical hazards.
- Protection against other hazards such as:
  - mechanical hazards
  - fire hazards
  - excessive temperature hazards
  - effects of radiation
  - liberated gases, explosion and implosion

The CE marking has been affixed on the device according to article 10 of the EC Directive 89/336/EEC.



Robert W. Harris, Industrial Sales Manager

11/15/11

DATE: