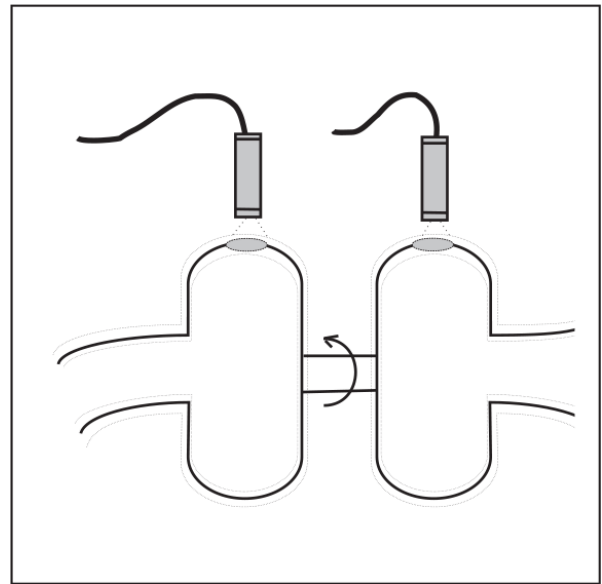


## IRt/c MEASURES VIBRATING OBJECTS

Measuring the temperature of objects that are nominally stationary, but vibrate, can be a difficult problem because of mechanical fatigue of any contact device. An example is continuous monitoring of the casing temperature of both the turbine and compressor side of a turbocharger. Thermocouples or other contact devices fail after only a few hours due to the high frequency vibration present during turbocharger operation.

The IRt/c provides a simple and inexpensive solution. Mounting the IRt/c's to a non-vibrating surface, they can monitor the turbocharger temperature without being subject to the destructive vibration.

Wherever there is a requirement for machinery monitoring, temperature should be included; and for machines that vibrate, the best solution is the IRt/c.



**Exergen Corporation office:**

USA  
400 Pleasant Street  
Watertown, MA 02472  
Tel: +1 617 923 9900 press 4 for industrial  
Fax: +1 617 923 9911

**Exergen Industrial International/OEM Sales office:**

Clever IR  
The Netherlands  
Pastoor Clercxstraat 26  
5465 RH Veghel  
Tel: +31 (0)413 376 599

[industrial@exergen.com](mailto:industrial@exergen.com)  
[www.exergen.com](http://www.exergen.com)