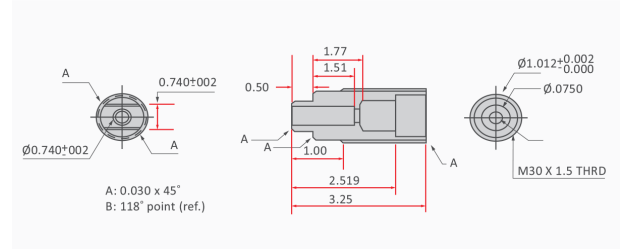


IRT/C.07

Product Overview

The IRT/c.07 features:

- Infrared Thermocouple IRT/c
- Non-contact
- Self-powered
- Intrinsically Safe
- Repeatability 0.02°F (0.01°C)
- Interchangeability ±1%
- Resolution approx. 0.0001°C
- Small Size



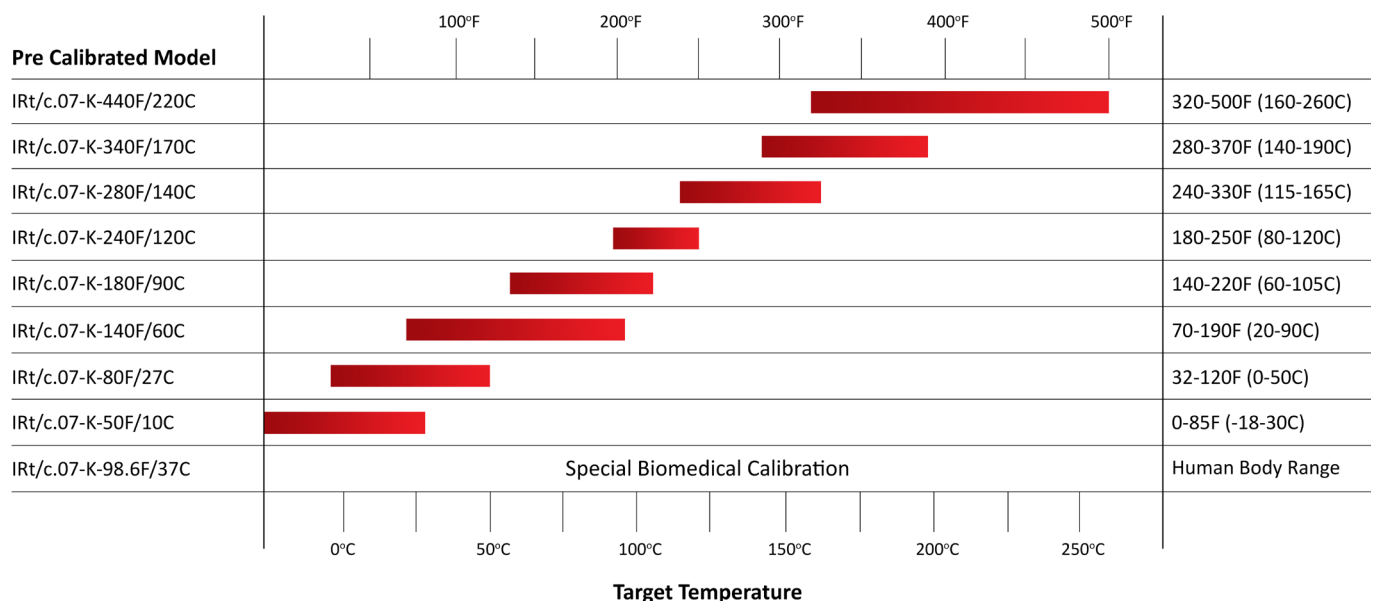
Technical Data

Sensing Range	-50 to 550°F (-45 to 290°C)	Response Time	100 Milliseconds
Ambient Temperature Range	-4 to 158°F (-20 to 70°C)	Dimensions	3.25" x 1.18" Dia. (82.5 x 29.97mm), M30 x 1.5 thread
Optimum Range Selections	Eight models per t/c type (see Temperature Selection Chart)	Housing	ABS Black Plastic, hermetically, exceeds NEMA 4X; IP67
Field of View	approximately 7:1 (8°)	Cable	3 feet of unshielded, duplex insulated, type K, 24 AWG, PFA jacket rated to 392°F (200°C) (Shielded cable available upon request)
Minimum Spot Size	.75" (19mm)	Weight	2.3oz. (65 grams) with cable
Spectral Response	6.5 to 14μm		
Output Impedance	3.5 to 14 Kohms approx		

Calibration

Ordering information **IRT/c.07-K-** (Precalibrated Temperature Range).

Temperature Selection Chart



Exergen Global offices:

The Netherlands
 Pastoor Clercxstraat 26
 5465 RH Veghel
 Tel: +31 (0)413 376 599
 Fax: +31 (0)413 379 310

USA
 400 Pleasant Street
 Watertown, MA 02472
 Tel: +1 617 649 6322
 Fax: +1 617 923 9911

Specifications subject to change without notice

office@exergenglobal.com
 www.exergenglobal.com

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