



## The latest Exergen IRt/c Lineup

Exergen's Industrial Division is committed to remaining a reliable supplier to all of its distribution partners and customers. In order to do that we must keep our costs down, run our factory lean, keep inventory to a minimum, and make wise business decisions. This is what helps us deliver quality product, in a timely manner at a low cost.

In the past our business model was such that we would build IR Thermocouples (IRt/c's) and offer flavors that had a wide variety of optics, housings, optics, and temperature ranges.

Currently we offer 15 different housings, 7 types of optics, 4 types of thermocouples, and 15 temperature ranges, which meant that we had close to 1,000 part #'s available and had to hold sufficient inventory to support that. We feel that we've done a great job providing the world with Infrared Thermocouples for any application, at any volume required, whether it was 1 or 1,000 pieces, Exergen had an IRt/c to fit the bill.

Now it's time to change our business model. We did an analysis, and decided to shorten the list of part #'s down to only the ones that are selling in decent volume, over a steady amount of time. Part numbers which have not hit revenue targets in either a one-year or three-year time frame will be discontinued.

The available part # list is now online. If there is a part # missing from that list that you purchase, please let us know. You will have until April 30, 2019 to purchase that part #, and we will support that product for one more year, if it needs to be replaced, repaired, etc.

In the future if an application arises that can't use a sensor on the list, we are willing to reactivate obsolete part #'s or create new part #'s, as long as it meets the criteria.

Please feel free to contact me if you have any questions or concerns. Thank you for the many years of support. We are looking forward to many more! And stay tuned for a NEW product that will change the way the world takes temperature by the end of the year!!

Sincerely,

Bob Harris  
Industrial Sales/Corporate Marketing Manager

# Exergen Corporation Industrial Division

## AVAILABLE PART # LIST

EFFECTIVE MAY 1, 2019

Precalibrated IRT/c's		
Part #	Model	Description
150041	uIRT/c-K-80F-Unshielded	micro sized, Stainless; 1:2 FOV; Unshielded K t/c cable, calibrated at 80F/27C, linear from 32-120F
150040	uIRT/c-K-140F-Unshielded	micro sized, Stainless; 1:2 FOV; Unshielded K t/c cable, calibrated at 140F/60C, linear from 70-190F
150044	uIRT/c-K-240F-Unshielded	micro sized, Stainless; 1:2 FOV; Unshielded K t/c cable, calibrated at 240F/120C, linear from 180-250F
150045	UIRT/C-K-280F, UnShielded	micro sized, Stainless; 1:2 FOV; Unshielded K t/c cable, calibrated at 280F/140C, linear from 240-330F
150047	UIRT/C-K-440F, Un-Shielded	micro sized, Stainless; 1:2 FOV; Unshielded K t/c cable, calibrated at 440F/220C, linear from 320-500F
150050	uIRT/c-K-280F-Shielded	micro sized, Stainless; 1:2 FOV; Shielded K t/c cable, calibrated at 280F/140C, linear from 240-330F
150068	UIRT/C.4-K-440F, Unshielded	micro sized, Stainless; 4:1 FOV; Unshielded K t/c cable, calibrated at 440F/220C, linear from 320-500F
150134	UIRT/C.4SV-K-440/220C, UNSH	micro sized, Stainless; side view, 4:1 FOV; Unshielded K t/c cable, linear from 320-500F
150366	UIRT/C.4SV-K-440F/220C-SH	micro sized, Stainless; side view, 4:1 FOV; Shielded K t/c cable, linear from 320-500F
114110	IRT/C.01-J-140F/60C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded J t/c cable, linear from 70-190F
114111	IRT/C.01-J-180F/90C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded J t/c cable, linear from 140-220F
114112	IRT/C.01-J-240F/120C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded J t/c cable, linear from 180-250F
114113	IRT/C.01-J-280F/140C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded J t/c cable, linear from 240-330F
114115M	IRT/C.01-J-440F/220C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 320-500F
114126	IRT/C.01-K-80F/27C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 32-120F
114119	IRT/C.01-K-140F/60C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 70-190F
114120	IRT/C.01-K-180F/90C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 140-220F
114121	IRT/C.01-K-240F/120C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 180-250F
114123	IRT/C.01-K-340F/170C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 280-370F
114124	IRT/C.01-K-440F/220C	ABS housing; 1:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 320-500F
114258	IRT/C.03-J-440F/220C	ABS housing; 3:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 240-330F
114260	IRT/C.03-K-80F/27C	ABS housing; 3:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 240-330F
114265	IRT/C.03-K-280F/140C	ABS housing; 3:1 FOV; light duty model with nylon locknuts; unshielded K t/c cable, linear from 240-330F
150372	IRT/C.03-K-80F/27C-SH	ABS housing; 3:1 FOV; light duty model with nylon locknuts; shielded K t/c cable, linear from 32-120F
150575	IRT/C.03-J-340F/170C-3M-SH	ABS housing; 3:1 FOV; light duty model with nylon locknuts; 3M shielded J t/c cable, linear from 280-370F
109900	IRT/C-J-240F/120C	The original IRT/c; Stainless Steel; 1:1 FOV; shielded J t/c cable, linear from 180-250F
110000	IRT/C-J-280F/140C	The original IRT/c; Stainless Steel; 1:1 FOV; shielded J t/c cable, linear from 240-330F
110100	IRT/C-J-340F/170C	The original IRT/c; Stainless Steel; 1:1 FOV; shielded J t/c cable, linear from 280-370F
110200	IRT/C-J-440F/220C	The original IRT/c; Stainless Steel; 1:1 FOV; shielded J t/c cable, linear from 320-500F
110600	IRT/C-K-140F/60C	The original IRT/c; Stainless Steel; 1:1 FOV; shielded K t/c cable, linear from 70-190F
110800	IRT/C-K-240F/120C	The original IRT/c; Stainless Steel; 1:1 FOV; shielded K t/c cable, linear from 180-250F
150879	IRT/C-K-240F/120C-7FT	The original IRT/c; Stainless Steel; 1:1 FOV; 7' shielded K t/c cable, linear from 180-250F
110900	IRT/C-K-280F/140C	The original IRT/c; Stainless Steel; 1:1 FOV; shielded K t/c cable, linear from 180-250F
111000	IRT/C-K-340F/170C	The original IRT/c; Stainless Steel; 1:1 FOV; shielded K t/c cable, linear from 280-370F
111100	IRT/C-K-440F/220C	The original IRT/c; Stainless Steel; 1:1 FOV; shielded K t/c cable, linear from 320-500F
111406	IRT/C.1X-K-240F/120C	Stainless Steel; 1:1 FOV; threaded body/bracket and locknuts; shielded K t/c cable, linear from 180-250F
111409	IRT/C.1X-K-440F/220C	Stainless Steel; 1:1 FOV; threaded body/bracket and locknuts; shielded K t/c cable, linear from 320-500F
111403	IRT/C.1X-K-80F/27C	Stainless Steel; 1:1 FOV; threaded body/bracket and locknuts; shielded K t/c cable, linear from 32-120F
111401	IRT/C.1X-K-98.6F/37C	Stainless Steel; 1:1 FOV; threaded body/bracket and locknuts; shielded K t/c cable, linear from 77-104F
110530	IRT/C.1X-J-140F/60C	Stainless Steel; 1:1 FOV; threaded body/bracket and locknuts; shielded J t/c cable, linear from 70-190F
110560	IRT/C.1X-J-280F/140C	Stainless Steel; 1:1 FOV; threaded body/bracket and locknuts; shielded J t/c cable, linear from 240-330F
110580	IRT/C.1X-J-440F/220C	Stainless Steel; 1:1 FOV; threaded body/bracket and locknuts; shielded J t/c cable, linear from 320-500F
150477	IRT/C.1X-J-440F/220C-6FT	Stainless Steel; 1:1 FOV; threaded body/bracket and locknuts; shielded, 6' J t/c cable, linear from 320-500F
150721	IRT/C.SV-J-240F/120C-10FT	Stainless Steel; 1:1 FOV; Side View mounting; 10' shielded J t/c cable, linear from 180-250F
112900	IRT/C.SV-J-440F/220C	Stainless Steel; 1:1 FOV; Side View mounting; shielded J t/c cable, linear from 320-500F
113300	IRT/C.SV-K-140F/60C	Stainless Steel; 1:1 FOV; Side View mounting; shielded K t/c cable, linear from 70-190F
113500	IRT/C.SV-K-240F/120C	Stainless Steel; 1:1 FOV; Side View mounting; shielded K t/c cable, linear from 180-250F
150483	IRT/C.2G-J-98.6F/37C-2IN-30AWG	Stainless Steel; 1:1 FOV; shielded 2" J t/c cable, medical calibration, 77-105F
117700	IRT/C.2-J-140F/60C	Stainless Steel; 2:1 FOV; airpurge; threaded; bracket, locknuts; shielded J t/c cable, linear from 70-190F
118200	IRT/C.2-J-440F/220C	Stainless Steel; 2:1 FOV; airpurge; threaded; bracket, locknuts; shielded J t/c cable, linear from 320-500F
118520	IRT/C.3X-J-80F/27C	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket, locknuts; shielded J t/c cable, linear from 32-120F
118530	IRT/C.3X-J-140F/60C	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket, locknuts; shielded J t/c cable, linear from 70-190F
150719	IRT/C.3X-J-180F/90C-SS316-8M	Stainless Steel 316; 3:1 FOV; airpurge; threaded; bracket, locknuts; 8M shielded J t/c cable, linear from 140-220F
118580	IRT/C.3X-J-440F/220C	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket, locknuts; shielded J t/c cable, linear from 320-500F
119420	IRT/C.3X-K-80F/27C	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket, locknuts; shielded K t/c cable, linear from 32-120F
119430	IRT/C.3X-K-140F/60C	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket, locknuts; shielded K t/c cable, linear from 70-190F
150919	IRT/C.3X-K-140F/60C-25FT	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket, locknuts; 25' shielded K t/c cable, linear from 70-190F
119450	IRT/C.3X-K-240F/120C	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket, locknuts; shielded K t/c cable, linear from 180-250F
119460	IRT/C.3X-K-280F/140C	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket, locknuts; shielded K t/c cable, linear from 240-330F

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119480	IRT/C.3X-K-440F/220C	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket; locknuts; shielded K t/c cable, linear from 320-500F
150783	IRT/C.3X-K-440F/220C-50FT-KK	Stainless Steel; 3:1 FOV; airpurge; threaded; bracket; locknuts; 50' shielded K t/c cable, linear from 320-500F
130150	IRT/C.3SV-J-140F/60C	Stainless Steel; 3:1 FOV; airpurge; Side View; shielded J t/c cable, linear from 70-190F
130165	IRT/C.3SV-J-280F/140C	Stainless Steel; 3:1 FOV; airpurge; Side View; shielded J t/c cable, linear from 240-330F
150599	IRT/C.3SV-J-280F/140C-3M	Stainless Steel; 3:1 FOV; airpurge; Side View; 3M shielded J t/c cable, linear from 240-330F
150749	IRT/C.3SV-J-340F/170C-10FT	Stainless Steel; 3:1 FOV; airpurge; Side View; 10' shielded J t/c cable, linear from 280-370F
130175	IRT/C.3SV-J-440F/220C	Stainless Steel; 3:1 FOV; airpurge; Side View; shielded J t/c cable, linear from 320-500F
130270	IRT/C.3SV-K-80F/27C	Stainless Steel; 3:1 FOV; airpurge; Side View; shielded K t/c cable, linear from 32-120F
130210	IRT/C.3SV-K-180F/90C	Stainless Steel; 3:1 FOV; airpurge; Side View; shielded K t/c cable, linear from 140-220F
150975	IRT/C.5-J-50F/10C-20FT	Stainless Steel; 5:1 FOV; airpurge; mounting holes w/screws; 20' shielded J t/c cable, linear from 0-80F
150982	IRT/C.5-J-80F/27C-20FT	Stainless Steel; 5:1 FOV; airpurge; mounting holes w/screws; 20' shielded J t/c cable, linear from 32-120F
120800	IRT/C.5-J-180F/90C	Stainless Steel; 5:1 FOV; airpurge; mounting holes w/screws; shielded J t/c cable, linear from 140-220F
121000	IRT/C.5-J-280F/140C	Stainless Steel; 5:1 FOV; airpurge; mounting holes w/screws; shielded J t/c cable, linear from 240-330F
121200	IRT/C.5-J-440F/220C	Stainless Steel; 5:1 FOV; airpurge; mounting holes w/screws; shielded J t/c cable, linear from 320-500F
121700	IRT/C.5-K-180F/90C	Stainless Steel; 5:1 FOV; airpurge; mounting holes w/screws; shielded K t/c cable, linear from 140-220F
122000	IRT/C.5-K-340F/170C	Stainless Steel; 5:1 FOV; airpurge; mounting holes w/screws; shielded K t/c cable, linear from 280-370F
123100	IRT/C.5-T-50F/10C	Stainless Steel; 5:1 FOV; airpurge; mounting holes w/screws; shielded T t/c cable, linear from 0-80F
115800	IRT/C.10-K-80F/27C	Stainless Steel; 10:1 FOV; airpurge; mounting holes, screws; shielded K t/c cable, linear from 32-120F
115100	IRT/C.10-K-140F/60C	Stainless Steel; 10:1 FOV; airpurge; mounting holes, screws; shielded K t/c cable, linear from 70-190F
115300	IRT/C.10-K-240F/120C	Stainless Steel; 10:1 FOV; airpurge; mounting holes, screws; shielded K t/c cable, linear from 180-250F
150720	IRT/C.10-K-280F/140C-10M	Stainless Steel; 10:1 FOV; airpurge; mounting holes, screws; 10M shielded K t/c cable, linear from 240-330F
115500	IRT/C.10-K-340F/170C	Stainless Steel; 10:1 FOV; airpurge; mounting holes, screws; shielded K t/c cable, linear from 280-370F
115600	IRT/C.10-K-440F/220C	Stainless Steel; 10:1 FOV; airpurge; mounting holes, screws; shielded K t/c cable, linear from 320-500F
150806	IRT/C.10-K-440F/220C-10FT	Stainless Steel; 10:1 FOV; airpurge; mounting holes, screws; 10' shielded K t/c cable, linear from 320-500F

### Adjustable IRt/c's

Part #	Model	Description
116000	IRT/C.10A-J-1500HIE	10:1 FOV; airpurge/aircool; non-metal surfaces; shielded J t/c cable, -50 to 2500F
116200	IRT/C.10A-K-1500HIE	10:1 FOV; airpurge/aircool; non-metal surfaces; shielded K t/c cable, -50 to 2500F
116300	IRT/C.10A-K-1600LOE	10:1 FOV; airpurge/aircool; metal surfaces; shielded K t/c cable, 500 to 2500F
123430	IRT/c.20A-K-HIE	20:1 FOV; airpurge/aircool; non-metal surfaces; shielded K t/c cable, 500 to 3000F
123440	IRT/c.20A-K-LoE	20:1 FOV; airpurge/aircool; metal surfaces; shielded K t/c cable, 1000 to 3500F
116640	IRT/C.2/15ACF-K-1500LOE	close focus to 2.9 x 8.7 mm spot; airpurge/aircool; metal surfaces; shielded K t/c cable, 500 to 2500F
116602	IRT/C.2/15ALF-J-HIE	long focus to 3 x 7.26 mm spot; airpurge/aircool; non-metal surfaces; shielded J t/c cable, 700 to 3000F
151051	IRT/C.20A-J-HIE-XMTR-J-500	20:1 FOV, airpurge/aircool, non-metal surfaces, 4-20mA from 32-500F (7.5 mA @ 300F)

### Accessories

Part #	Model	Description
101202	CJK-2A-SS, COOLING JACKET	Air cooling jacket for IRt/c.3X, cools to 700 F, stainless steel fittings
819107	WIRE, T/C, K, 24AWG, STRANDED	Thermocouple wire, K type, 24 AWG, Shielded

### Inline Transmitters

Part #	Model	Description
124910	T/C.XMTR-J-150F/65C	4 - 20 mA in-line transmitter, type J t/c, shielded cable, 32-150F
124920	T/C.XMTR-J-500F/260C	4 - 20 mA in-line transmitter, type J t/c, shielded cable, 32-500F
124930	T/C.XMTR-J-1200F	4 - 20 mA in-line transmitter, type J t/c, shielded cable, 32-1000F

### Snakeeye High Speed IR Thermal Switches

Part #	Model	Description
129004	Snakeeye.3-LTE-LS	5 msec response, 3:1 FOV, 2 switches, Low Speed
129005	Snakeeye.3-LTE-HS	5 msec response, 3:1 FOV, 2 switches, High Speed
129007	Snakeeye.3SV-LTE-HS	Side View model, 5 msec response, 3:1 FOV, 2 switches, High Speed

### Precision IR Scanners / Thermometers

Part #	Model	Description
103600	D501	IR scanner/thermometer, -50 to 550° F (-45 to 260° C), 0.1" precision (Min/Max/Scan), Long Nose Version
103700	D501-RS	Remote Sensor version, -50 to 550° F (-45 to 260° C), 0.1" precision (Min/Max/Scan)

### Warranty

**TWO YEARS FROM DATE OF PURCHASE**

Exergen Corporation warrants all products will be free of defects in material and workmanship and will repair or replace the returned product at no charge during the above

*Warranty is void if product is misused, mishandled, or installed incorrectly.*

Restocking fee is 5%. All products can be returned within 30 days provided they are in resalable condition, with no restocking fee.

Sales demos (one piece) are available with a 70% discount for any authorized distributor