



Ruthenium Oxide Thermometer
Sensor Model: RO105
Calibration Current: 10 microamps

Typical Response

Temp. K	+0.0	+1.0	+2.0	+3.0	+4.0	+5.0	+6.0	+7.0	+8.0	+9.0
0			239556.1	221769.1	207807.5	196463.8	187171.8	179524.0	173177.5	167849.6
10	163317.2	159409.7	155998.4	152986.3	150299.6	147881.5	145688.0	143684.4	141872.3	140225.3
20	138709.8	137309.5	136010.9	134802.4	133674.5	132618.6	131627.6	130695.3	129816.3	128985.8
30	128199.6	127454.0	126745.8	126071.9	125429.8	124817.2	124231.9	123672.0	123135.8	122621.7
40	122128.3	121654.2	121198.4	120759.6	120336.9	119929.4	119536.1	119156.4	118789.5	118434.7
50	118091.3	117758.9	117436.8	117124.6	116821.8	116527.9	116242.5	115965.3	115695.8	115433.8
60	115178.9	114930.8	114689.2	114453.9	114224.5	114001.0	113778.4	113567.0	113360.8	113159.5
70	112963.0	112770.9	112583.2	112399.5	112219.9	112044.0	111871.8	111703.2	111538.0	111376.1
80	111217.5	111061.9	110909.5	110759.9	110613.2	110469.3	110328.1	110189.5	110053.4	109919.8
90	109788.7	109659.8	109533.3	109409.0	109286.8	109166.7	109048.7	108932.6	108818.5	108706.3
100	108595.9	108487.3	108380.4	108275.2	108171.7	108069.8	107969.4	107870.6	107773.3	107677.4
110	107582.9	107489.8	107398.1	107307.6	107218.5	107130.5	107043.8	106958.3	106873.9	106790.7
120	106708.6	106627.5	106547.5	106468.6	106390.6	106313.6	106237.6	106162.5	106088.3	106015.1
130	105942.7	105871.1	105800.4	105730.5	105661.5	105593.2	105525.6	105458.9	105392.8	105327.5
140	105262.9	105199.0	105135.7	105073.2	105011.2	104949.9	104889.3	104829.2	104769.8	104710.9
150	104652.7	104596.2	104539.7	104484.0	104428.9	104374.4	104320.5	104267.2	104214.5	104162.4
160	104110.9	104060.0	104009.6	103959.7	103910.4	103861.6	103813.4	103765.6	103718.4	103671.7
170	103625.4	103579.6	103534.3	103489.5	103445.1	103401.2	103357.7	103314.7	103272.1	103229.9
180	103188.2	103146.8	103105.9	103065.3	103025.2	102985.4	102946.0	102907.0	102868.4	102830.1
190	102792.2	102754.7	102717.5	102680.6	102644.1	102608.0	102572.1	102536.6	102501.4	102466.6
200	102432.0	102397.8	102363.8	102330.2	102296.8	102263.8	102231.0	102198.6	102166.4	102134.5
210	102102.8	102071.5	102040.4	102009.5	101979.0	101948.6	101916.1	101886.4	101857.0	101827.9
220	101799.1	101770.5	101742.3	101714.3	101686.6	101659.2	101632.0	101605.1	101578.5	101552.2
230	101526.1	101500.3	101474.7	101449.4	101424.3	101399.4	101374.9	101350.5	101326.4	101302.5
240	101278.8	101255.4	101232.2	101209.2	101186.4	101163.8	101141.4	101119.3	101097.3	101075.5
250	101053.9	101032.6	101011.4	100990.4	100969.5	100948.9	100928.4	100908.1	100888.0	100868.0
260	100848.2	100828.6	100809.1	100789.8	100770.7	100751.7	100732.8	100714.1	100695.6	100677.2
270	100658.9	100640.8	100622.8	100604.9						

Record of Revisions						
Rev	ECN#	Description	Rev by	Date	Appr by	Date
-		Initial Release	JWS	11/21/05	<i>JWS</i>	12/15/05

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