



CROMPTON INSTRUMENTS INC.  
 1640 AIRPORT ROAD, SUITE 109  
 KENNESAW, GA 30144

TG-GS082001

### POWER FACTOR SCALING CHART

	COS.	DEGREES	.5/0.5mA	0/1mA	0/10mA	0/20mA	4/20mA	4/12/20mA	1/0/1mA	DEGREES	0/10mA	4/20mA
<b>LAG</b>	0.00	90.000						4.0000		<b>0.20</b>	0.0000	4.0000
	0.10	84.250						4.5110		<b>0.25</b>	0.2540	4.4070
	0.20	78.467						5.0250		<b>0.30</b>	0.5130	4.8210
	0.30	72.533						5.5520		<b>0.35</b>	0.7760	5.2410
	0.40	66.417						6.0960		<b>0.40</b>	1.0440	5.6700
	0.50	60.000	0.5000	0.0000	0.0000	0.0000	4.0000	6.6660	1.0000	<b>0.45</b>	1.3180	6.1090
	0.60	53.130	0.4430	0.0570	0.5700	1.1440	4.9120	7.2770	0.8850	<b>0.50</b>	1.6000	6.5610
	0.70	45.572	0.3797	0.1203	1.2030	2.4040	5.9250	7.9500	0.7590	<b>0.55</b>	1.8920	7.0280
	0.80	36.869	0.3072	0.1928	1.9280	3.8550	7.0850	8.7230	0.6140	<b>0.60</b>	2.1960	7.5140
	0.90	25.841	0.2153	0.2847	2.8470	5.6930	8.5550	9.7030	0.4300	<b>0.65</b>	2.5140	8.0230
	0.95	18.194	0.1517	0.3483	3.4830	6.9670	9.5730	10.3820	0.3032	<b>0.70</b>	2.8510	8.5620
0.96	16.260	0.1355	0.3645	3.6450	7.2890	9.8320	10.5540	0.2710	<b>0.75</b>	3.2120	9.1400	
0.97	14.069	0.1172	0.3828	3.8280	7.6550	10.1250	10.7500	0.2340	<b>0.80</b>	3.6060	9.7700	
0.98	11.478	0.0957	0.4043	4.0430	8.0860	10.4690	10.9800	0.1910	<b>0.85</b>	4.0460	10.4750	
0.99	8.109	0.0675	0.4325	4.3250	8.6480	10.9200	11.2800	0.1350	<b>0.90</b>	4.5620	11.3000	
<b>UNITY</b>	1.00	0.000	0.0000	0.5000	5.0000	10.0000	12.0000	12.0000	0.0000	<b>0.95</b>	5.2250	12.3600
<b>LEAD</b>	0.99	8.109	0.0675	0.5675	5.6750	11.3510	13.0800	12.7200	0.1350	<b>0.96</b>	5.3930	12.6290
	0.98	11.478	0.0957	0.5957	5.9570	11.9130	13.5310	13.0200	0.1910	<b>0.97</b>	5.5830	12.9330
	0.97	14.069	0.1172	0.6172	6.1720	12.3440	13.8750	13.2500	0.2340	<b>0.98</b>	5.8070	13.2920
	0.96	16.260	0.1355	0.6355	6.3550	12.7100	14.1680	13.4450	0.2710	<b>0.99</b>	6.1000	13.7600
	0.95	18.194	0.1517	0.6517	6.5170	13.0320	14.4270	13.6170	0.3032	<b>1.00</b>	6.8030	14.8850
	0.90	25.841	0.2153	0.7153	7.1530	14.3060	15.4160	14.2960	0.4300	<b>0.99</b>	7.5060	16.0100
	0.80	36.869	0.3072	0.8072	8.0720	16.1440	16.9150	15.2770	0.6140	<b>0.98</b>	7.7980	16.4770
	0.70	45.572	0.3797	0.8797	8.7970	17.5950	18.0750	16.0500	0.7590	<b>0.97</b>	8.0230	16.8360
	0.60	53.130	0.4430	0.9430	9.4300	18.8550	19.0880	16.7230	0.8850	<b>0.96</b>	8.2130	17.1400
	0.50	60.000	0.5000	1.0000	10.0000	20.0000	20.0000	17.3330	1.0000	<b>0.95</b>	8.3800	17.4090
	0.40	66.417						17.9030		<b>0.90</b>	9.0430	18.4700
	0.30	72.533						18.4470		<b>0.85</b>	9.5590	19.2950
	0.20	78.467						18.9740		<b>0.80</b>	10.0000	20.0000
	0.10	84.250						19.4880				
0.00	90.000						20.0000					