

**BetaGauge PI Ranges and Resolutions**

Engineering Unit	Factor											
		1	15 <sup>1</sup>	30 <sup>2</sup>	100	300	500	1000	2000	3000	5000	10000
	Burst Pressure	50	500	500	1000	2000	2000	10000	10000	10000	10000	15000
	Proof Pressure	5	30	60	200	600	1000	2000	3000	6000	10000	15000
psi	1	1.0000	15.000	30.000	100.00	300.00	500.00	1000.0	2000.0	3000.0	5000.0	10000
bar	0.06894747	0.0689	1.0342	2.0684	6.8947	20.684	34.474	68.947	137.89	206.84	344.74	689.47
mbar	68.94757	68.948	1034.2	2068.4	6894.8	20684	34474	68948	*	*	*	*
kPa	6.894757	6.8948	103.42	206.84	689.48	2068.4	3447.4	6894.8	13790	20684	34474	68948
Mpa	0.0068947	0.0069	0.1034	0.2068	0.6895	2.0684	3.4474	6.8947	13.789	20.684	34.474	68.947
kg/cm <sup>2</sup>	0.07030697	0.0703	1.0546	2.1092	7.0307	21.092	35.153	70.307	140.61	210.92	351.53	703.07
mmHg @ 0°C	51.71508	51.715	775.73	1551.5	5171.5	15515	25858	51715	*	*	*	*
inHg @ 0°C	2.03602	2.0360	30.540	61.081	203.60	610.81	1018.0	2036.0	4072.0	6108.1	10180	20360
cmH <sub>2</sub> O @ 4°C	70.3089	70.309	1054.6	2109.3	7030.9	21093	35154	70309	*	*	*	*
cmH <sub>2</sub> O @ 20°C	70.4336	70.434	1056.5	2113.0	7043.4	21130	35217	70434	*	*	*	*
mmH <sub>2</sub> O @ 4°C	703.089	703.09	10546	21093	70309	*	*	*	*	*	*	*
mmH <sub>2</sub> O @ 20°C	704.336	704.34	10565	21130	70434	*	*	*	*	*	*	*
mH <sub>2</sub> O @ 4°C	0.703089	0.7031	10.546	21.093	70.309	210.93	351.54	703.09	1406.2	2109.3	3515.4	7030.9
mH <sub>2</sub> O @ 20°C	0.704336	0.7043	10.565	21.130	70.434	211.30	352.17	704.34	1408.7	2113.0	3521.7	7043.4
inH <sub>2</sub> O @ 4°C	27.68067	27.681	415.21	830.42	2768.1	8304.2	13840	27681	55361	83042	*	*
inH <sub>2</sub> O @ 20°C	27.72977	27.730	415.95	831.89	2773.0	8318.9	13865	27730	55460	83189	*	*
inH <sub>2</sub> O @ 60°F	27.70759	27.708	415.61	831.23	2770.8	8312.3	13854	27708	55415	83123	*	*
Torr	51.71508	51.715	775.73	1551.5	5171.5	15515	25858	51715	*	*	*	*

1. Also applies to -15 to +15 PSI compound range.
2. Also applies to -15 to +30 PSI compound range.
3. Cells noted with \* will not be displayed due to limitations on display resolution. In all cases, resolution is limited to 100,000 counts.