

## BetaGauge PI Ranges and Resolution

Pressure range		0.4	1	15	30	15	30	100	300	500	1000	2000	3000	5000	10000	15000
Range Type		compound	compound	compound	compound	gauge	gauge	gauge **	gauge **							
Burst Pressure		3	5	90	90	500	500	1000	2000	2000	10000	10000	10000	10000	15000	20000
Proof Pressure		1	3	60	60	60	60	200	600	1000	2000	3000	6000	10000	15000	20000
Engineering Unit	Factor															
psi	1	0.4000	1.0000	15.000	30.000	15.000	30.000	100.00	300.00	500.00	1000.0	2000.0	3000.0	5000.0	10000	15000
bar	0.06894757	0.0276	0.0689	1.0342	2.0684	1.0342	2.0684	6.8948	20.684	34.474	68.948	137.90	206.84	344.74	689.48	1034.2
mbar	68.94757	27.579	68.948	1034.2	2068.4	1034.2	2068.4	6894.8	20684	34474	68948	*	*	*	*	*
kPa	6.894757	2.7579	6.8948	103.42	206.84	103.42	206.84	689.48	2068.4	3447.4	6894.8	13790	20684	34474	68948	*
Mpa	0.006894757	0.0028	0.0069	0.1034	0.2068	0.1034	0.2068	0.6895	2.0684	3.4474	6.8948	13.790	20.684	34.474	68.948	103.42
kg/cm2	0.07030697	0.0281	0.0703	1.0546	2.1092	1.0546	2.1092	7.0307	21.092	35.153	70.307	140.61	210.92	351.53	703.07	1054.6
mmHg @ 0°C	51.71507	20.686	51.715	775.73	1551.5	775.73	1551.5	5171.5	15515	25858	51715	*	*	*	*	*
inHg @ 0°C	2.03603	0.8144	2.0360	30.540	61.081	30.540	61.081	203.60	610.81	1018.0	2036.0	4072.1	6108.1	10180	20360	30540
cmH2O @ 4°C	70.3089	28.124	70.309	1054.6	2109.3	1054.6	2109.3	7030.9	21093	35154	70309	*	*	*	*	*
cmH2O @ 20°C	70.4336	28.173	70.434	1056.5	2113.0	1056.5	2113.0	7043.4	21130	35217	70434	*	*	*	*	*
mmH2O @ 4°C	703.089	281.24	703.09	10546	21093	10546	21093	70309	*	*	*	*	*	*	*	*
mmH2O @ 20°C	704.336	281.73	704.34	10565	21130	10565	21130	70434	*	*	*	*	*	*	*	*
mH2O @ 4°C	0.703089	0.2812	0.7031	10.546	21.093	10.546	21.093	70.309	210.93	351.54	703.09	1406.2	2109.3	3515.4	7030.9	10546
mH2O @ 20°C	0.704336	0.2817	0.7043	10.565	21.130	10.565	21.130	70.434	211.30	352.17	704.34	1408.7	2113.0	3521.7	7043.4	10565
inH2O @ 4°C	27.68067	11.072	27.681	415.21	830.42	415.21	830.42	2768.1	8304.2	13840	27681	55361	83042	*	*	*
inH2O @ 20°C	27.72977	11.092	27.730	415.95	831.89	415.95	831.89	2773.0	8318.9	13865	27730	55460	83189	*	*	*
inH2O @ 60°F	27.70759	11.083	27.708	415.61	831.23	415.61	831.23	2770.8	8312.3	13854	27708	55415	83123	*	*	*
ftH2O @ 4°C	2.306726	0.9227	2.3067	34.601	69.202	34.601	69.202	230.67	692.02	1153.4	2306.7	4613.5	6920.2	11534	23067	34601
ftH2O @ 20°C	2.310814	0.9243	2.3108	34.662	69.324	34.662	69.324	231.08	693.24	1155.4	2310.8	4621.6	6932.4	11554	23108	34662
ftH2O @ 60°F	2.308966	0.9236	2.3090	34.634	69.269	34.634	69.269	230.90	692.69	1154.5	2309.0	4617.9	6926.9	11545	23090	34634
ft Sea Water	2.24719101	0.8989	2.2472	33.708	67.416	33.708	67.416	224.72	674.16	1123.6	2247.2	4494.4	6741.6	11236	22472	33708
m Sea Water	0.68494382	0.2740	0.6849	10.274	20.548	10.274	20.548	68.494	205.48	342.47	684.94	1369.9	2054.8	3424.7	6849.4	10274
Torr	51.71507	20.686	51.715	775.73	1551.5	775.73	1551.5	5171.5	15515	25858	51715	*	*	*	*	*

- Cells noted with \* will not be displayed due to limitations on display resolution. In all cases, resolution is limited to 100,000 counts.
- Ranges denoted with \*\* can also be used in limited compound applications to -12psi (-0.8bar)