

PRESSURE MEASUREMENT

<u>Range</u>	<u>Uncertainty</u>	<u>Cal. Device</u>	<u>Notes</u>
0 to 10 mbara 0 to 1000 mbara	0.35% rdg 0.1% rdg	Heated Baratron Capacitance Diaphragm Gauges with PDR Controller	Chell vac kit with turbo pump. Calibrations using oxygen free nitrogen.
-15 to -1000 mbarg	0.04% rdg	Budenberg 240 Vac DWT	
15 to 1000 mbarg	0.04% rdg	Budenberg 240 DWT	Calibrations on Industrial Nitrogen. Liquid calibrations as requested, Via seal.
0.2 to 160 mbarg	0.015% rdg	Pressurements V1600/1 DWT	Calibrations on Industrial Nitrogen.
1 to 70 barg 15 to 1000 psig	0.03% rdg	Budenberg 450 DWT	Calibrations on Industrial Nitrogen.
1 to 120 barg	0.025% rdg	Budenberg 450 DWT	Calibrations on Industrial Nitrogen.
1 to 600 barg 10 to 8000 psig	0.03% rdg	Budenberg 380/480D	Calibrations on Tellus oil. Water and other fluids on request using Fig 28 seal.
1 to 1200 barg 10 to 16000 psig	0.05% rdg	Budenberg 380/480H DWT	Calibrations on Tellus oil.
1 to 1400 barg 10 to 20000 psig	0.05% rdg	Budenberg 480 VHx DWT	Calibrations on Tellus oil.
1 to 2600 barg 10 to 40000 psig	0.04% rdg	Budenberg 580 EHx	Calibrations on Tellus oil.
100 to 4000 barg 1000 to 60000 psig	0.06% rdg	Budenberg 283 DWT	Calibrations on Tellus oil.
Barometric range	0.1% rdg	Druck DPI145	Comparison Barometer.
Barometric range	0.1% rdg	Druck DPI145	Barometers and Chamber barographs

PRESSURE MEASUREMENT (contd)

<u>Range</u>	<u>Uncertainty</u>	<u>Cal. Device</u>	<u>Notes</u>
0 to 70 barg	0.04% rdg	Vac Chamber	Depth Gauges Cal on Ind Nitrogen
0 to 200 mbarg	□ (0.01% rdg + 0.01%fs)	Pace 6000	Gauge mode Calibrations on industrial nitrogen
-1 to 2 barg -1 to 20 barg -1 to 135 barg	□ (0.005% rdg +0.005% fs)	Pace 6000	Gauge mode Calibrations on industrial nitrogen
0 to 3 bara 0 to 21 bara 0 to 136 bara	□(0.005% rdg +0.005% fs)	Pace 6000	Absolute mode Calibrations on industrial nitrogen
Pressure absolute mode	0.025mbar	Gauge precision	

Last revision date: 18th October 2023

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