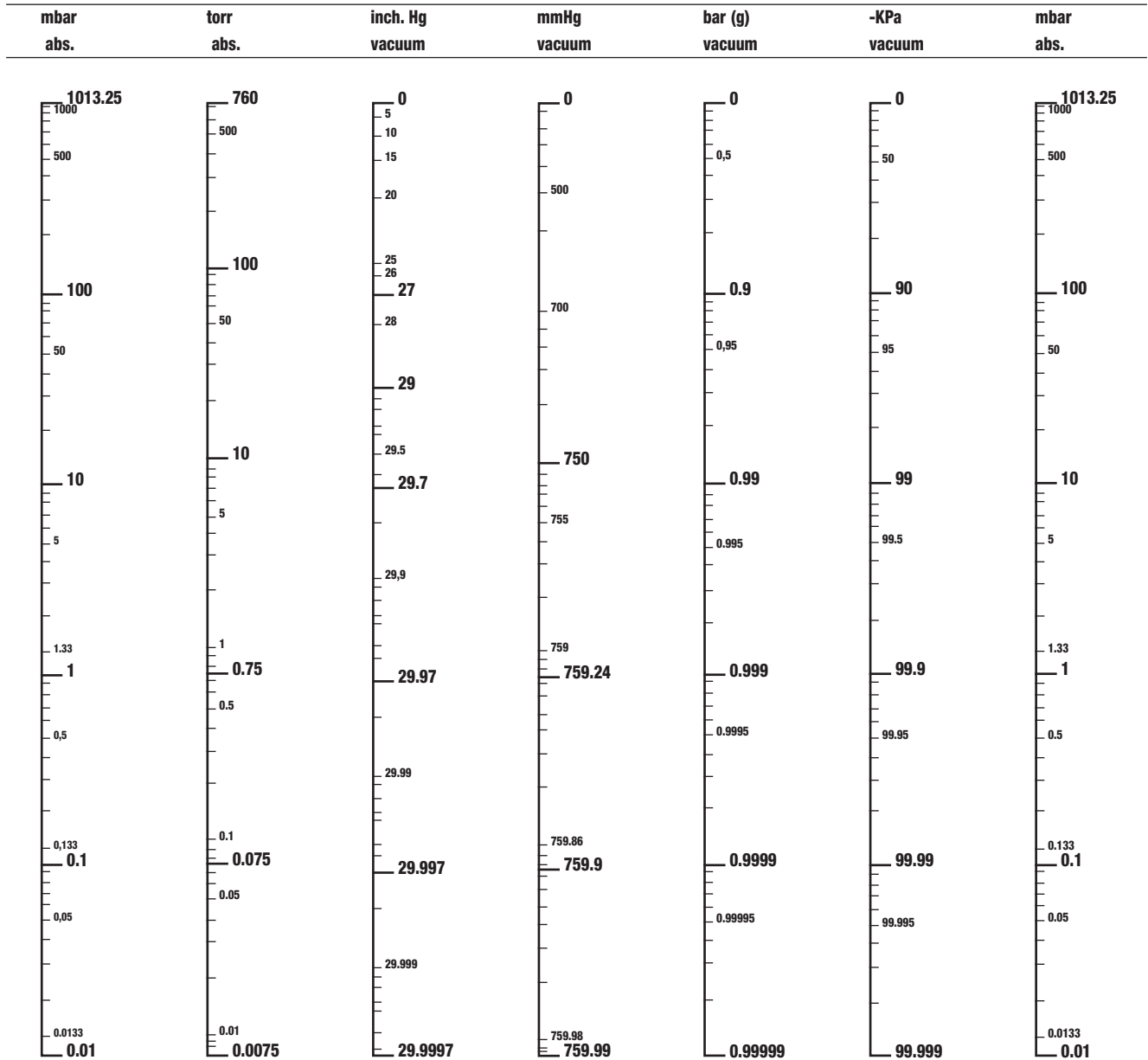


# CONVERSION TABLE

VACUUM UNIT CONVERSION TABLE



## PRESSURE UNIT CONVERSION FACTORS (ABSOLUTE VALUES)

PRESSURE UNIT CONVERSION FACTORS (ABSOLUTE VALUES)

	= mbar	= bar (g)	= torr	= inch. Hg	= psi (lbf/in <sup>2</sup> )	= atm	= Kg/cm <sup>2</sup> (at)	= mm H <sub>2</sub> O	= m H <sub>2</sub> O	= Pa (N/m <sup>2</sup> )
<b>mbar</b>	x 1	10 <sup>-3</sup>	0.75	2.95x 10 <sup>-2</sup>	14.5 x 10 <sup>-3</sup>	9.87 x 10 <sup>-4</sup>	1.02 x 10 <sup>-3</sup>	10.2	1.02 x 10 <sup>-2</sup>	100.0
<b>bar (g)</b>	x 1000.0	1	750.0	29.53	14.6	0.987	1.02	10197.0	10.19	100000
<b>torr</b>	x 1.33	1.33 x 10 <sup>-3</sup>	1	3.94 x 10 <sup>-2</sup>	1.93 x 10 <sup>-2</sup>	1.316 x 10 <sup>-3</sup>	1.359 x 10 <sup>-3</sup>	13.59	1.359 x 10 <sup>-3</sup>	133.32
<b>inch. Hg</b>	x 33.9	33.9 x 10 <sup>-3</sup>	25.4	1	0.491	3.34 x 10 <sup>-2</sup>	3.45 x 10 <sup>-2</sup>	345.0	0.345	3386.0
<b>psi (lbf/in<sup>2</sup>)</b>	x 68.9	6.89 x 10 <sup>-2</sup>	51.7	2.04	1	6.8 x 10 <sup>-2</sup>	7.03 x 10 <sup>-2</sup>	703	0.703	6897
<b>atm</b>	x 1013.25	1.013	760.0	30.0	14.696	1	1.033	10332	10.332	101325.0
<b>Kg/cm<sup>2</sup> (at)</b>	x 981	0.981	735.6	28.96	14.2	0.968	1	10000	10	98067.0
<b>mm H<sub>2</sub>O</b>	x 9.81 x 10 <sup>-2</sup>	9.81 x 10 <sup>-5</sup>	7.35 x 10 <sup>-2</sup>	2.89 x 10 <sup>-3</sup>	1.42 x 10 <sup>-3</sup>	9.67 x 10 <sup>-5</sup>	10 <sup>-4</sup>	1	10 <sup>-3</sup>	9.8067
<b>m H<sub>2</sub>O</b>	x 98.067	9.81 x 10 <sup>-2</sup>	73.5	2.89	1.42	9.67 x 10 <sup>-2</sup>	10	10000	1	9806.7
<b>Pa (N/m<sup>2</sup>)</b>	x 0.01	10 <sup>-5</sup>	7.5 x 10 <sup>-3</sup>	2.95 x 10 <sup>-4</sup>	1.45 x 10 <sup>-4</sup>	9.87 x 10 <sup>-6</sup>	1.02 x 10 <sup>-5</sup>	0.102	1.02 x 10 <sup>-4</sup>	1

Example: To convert 10 mbar into Torr = 10 x 0.75 = 7.5 Torr