

壓力單位換算表

Pressure Gauge Ordering Details

| psi | atms | Ft.Hd. H ₂ O at 20°C | in H ₂ O | Kg/cm ² | Metres H ₂ O | in. Hg. at 20°C | mm. Hg. | cm. Hg. | bar | Millibar (mbar) | KPa |
|--------|--------|---------------------------------------|---------------------|--------------------|----------------------------|--------------------|------------|------------|--------|--------------------|---------|
| 1 | 0.0680 | 2.310 | 27.720 | 0.0700 | 0.704 | 2.043 | 51.884 | 5.188 | 0.0690 | 68.947 | 6.895 |
| 14.696 | 1 | 33.659 | 407.513 | 1.0330 | 10.351 | 30.019 | 762.480 | 76.284 | 1.0130 | 1013.0 | 101.325 |
| 0.433 | 0.0290 | 1 | 12.000 | 0.0300 | 0.305 | 0.884 | 22.452 | 2.245 | 0.0300 | 29.837 | 2.984 |
| 0.036 | 0.0025 | 0.833 | 1 | 0.0025 | 0.025 | 0.074 | 1.871 | 0.187 | 0.0025 | 2.486 | 0.249 |
| 14.233 | 0.9680 | 32.867 | 394.408 | 1 | 10.018 | 29.054 | 737.959 | 73.796 | 0.9810 | 980.662 | 98.066 |
| 1.422 | 0.0970 | 3.287 | 39.370 | 0.0990 | 1 | 2.905 | 73.796 | 7.379 | 0.0980 | 98.066 | 9.807 |
| 0.489 | 0.0330 | 1.131 | 13.575 | 0.0340 | 0.345 | 1 | 25.400 | 2.540 | 0.0340 | 33.753 | 3.375 |
| 0.019 | 0.0013 | 0.045 | 0.534 | 0.0014 | 0.0136 | 0.039 | 1 | 0.100 | 0.0010 | 1.329 | 0.133 |
| 0.193 | 0.0131 | 0.445 | 5.340 | 0.0140 | 0.1360 | 0.393 | 10.000 | 1 | 0.0133 | 13.290 | 1.328 |
| 14.503 | 0.9870 | 33.514 | 402.164 | 1.0200 | 10.2110 | 29.625 | 752.470 | 75.247 | 1 | 1000.0 | 100.00 |
| 0.014 | 0.0009 | 0.033 | 0.402 | 0.0010 | 0.0102 | 0.029 | 0.752 | 0.075 | 0.001 | 1 | 0.100 |
| 0.145 | 0.0098 | 0.335 | 4.021 | 0.0100 | 0.1020 | 0.296 | 7.525 | 0.752 | 0.010 | 10.000 | 1 |

| UNIT | bar | mbar | kbar | Pa | kPa | MPa |
|-------|------------------|-----------------|------------------|-----------------|-----------------|------------------|
| 1bar | 1 | 1000 | 0.001 | 10 ⁵ | 100 | 0.1 |
| 1mbar | 0.001 | 1 | 10 ⁻⁶ | 100 | 0.1 | 10 ⁻⁴ |
| 1kbar | 1000 | 10 ⁶ | 1 | 10 ⁸ | 10 ⁵ | 100 |
| 1Pa | 10 ⁻⁵ | 0.01 | 10 ⁻⁸ | 1 | 0.001 | 10 ⁻⁶ |
| 1kPa | 0.01 | 10 | 10 ⁻⁵ | 1000 | 1 | 0.001 |
| 1Mpa | 10 | 10 ⁴ | 0.01 | 10 ⁶ | 1000 | 1 |