



Digital Test Pressure Gauge

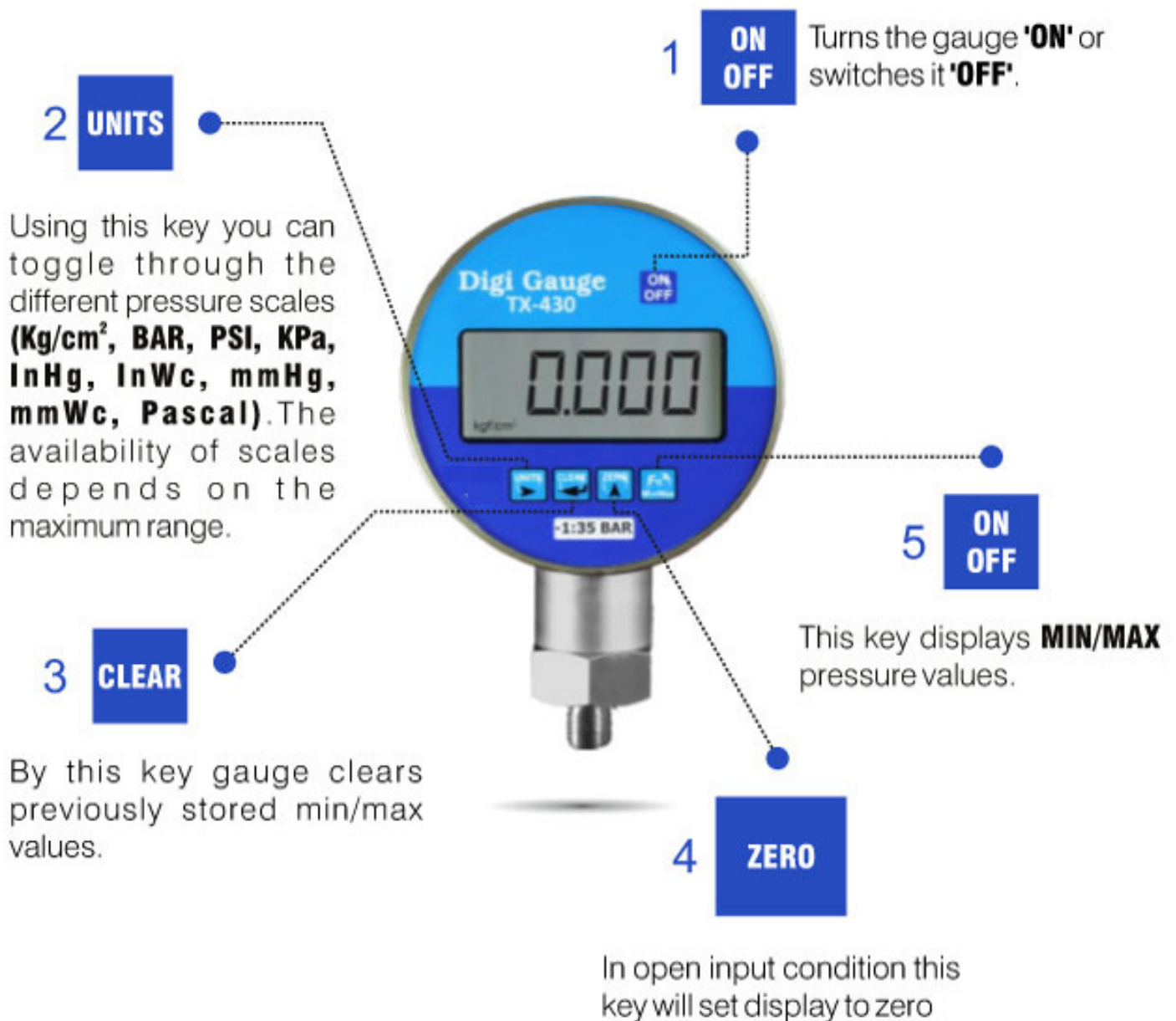
Digi Gauge TX-430

INTRODUCTION

The TX 430 combines the high accuracy of digital electronics with the convenience and ease of use of an analog test gauge. With accuracy of $\pm 0.1\%$ FS, the TX 430 can be used as a calibration reference, or in applications where high accuracy pressure measurement is required.

Many user configurable functions have been designed into the TX 430 including ZERO and MIN/MAX. Once the gauge is configured, settings can be locked and password protected to prevent unauthorized changes to the configuration.

DISPLAY AND CONTROLS



SPECIFICATION

Display	7 segment 5 full digit high contrast customized LCD display
Accuracy	± 0.1 % FS
Power	7.5 VDC internal alkaline battery AA size (5X1.5) Pre installed. Battery Life 600 hours.
Low Battery	Indicator is displayed near the end of battery life
Over Pressure Protection	125 % of specified range
Types of Pressure & Media Compatibility	Gauge, Absolute and Compound Non corrosive dry gases or liquid compatible with SS 316 stainless steel
Available Standard Engineering Units	kg/cm ² , bar, psi, kPa, inHg, in Wc, mmHg, mmWc, mbar, Pascal Refer resolution table for further details
Environmental	Storage : 20°C to + 70°C Operating : 25°C to + 45°C
Pressure Connection	¼ " BSP Male (Other on request)
Housing	Aluminium anodized case size 91mm (dia) x 34mm(d)

RESOLUTION TABLE

Units Range	kg/cm ²	BAR	PSI	kPascal	inHg	mmHg	inH ₂ O	mBAR	mmH ₂ O
2 kg/cm ²	0.0001	0.0001	0.001	0.01	0.01	0.1	0.1	0.1	1
7 kg/cm ²	0.0001	0.0001	0.001	0.01	0.01	0.1	0.1	0.1	1
10 kg/cm ²	0.001	0.001	0.01	0.1	0.1	1	1	1	—
20 kg/cm ²	0.001	0.001	0.01	0.1	0.1	1	1	1	—
35 kg/cm ²	0.001	0.001	0.01	0.1	0.1	1	1	1	—
70 kg/cm ²	0.001	0.001	0.01	0.1	0.1	1	1	1	—
100 kg/cm ²	0.01	0.01	0.1	1	1	—	—	—	—
200 kg/cm ²	0.01	0.01	0.1	1	1	—	—	—	—
350 kg/cm ²	0.01	0.01	0.1	1	1	—	—	—	—
400 kg/cm ²	0.01	0.01	0.1	1	1	—	—	—	—
700 kg/cm ²	0.01	0.01	0.1	1	1	—	—	—	—
1000 kg/cm ²	0.1	0.1	1	—	—	—	—	—	—

For low Pressure

200 mmWC	—	—	0.0001	0.0001	0.0001	0.001	0.001	0.001	0.01	0.01	0.01	0.1
2000 mmWC	0.00001	0.00001	0.0001	0.001	0.001	0.01	0.01	0.01	0.1	0.1	1	—

Pa