

Pressure Gauge



Description

A pressure gauge is a mechanical instrument designed to measure the internal pressure and/or vacuum of a vessel or system. Pressure is typically measured in units of force per unit of surface area. Instruments used to measure and display pressure in an integral unit are called pressure gauges or vacuum gauges.

Vacume/ Gauge Pressure

TECHNICAL DATA	
MEASURING PRINCIPLE	BOURDON, DIAPHRAGM
MEASURING RANGE	-1... 1600 BAR
MEDIA TEMPERATURE	MAX 200°C
AMBIENT TEMPERATURE	-40°C ... +60°C
DIAL SIZE	40mm,41mm,53mm,63mm,68mm,100mm, 115mm,147mm,160mm
PROCESS CONNECTION	½" , ¼" , 1/8" (NPT, BSP)
PRESSURE CONNECTION	LBM,CBM,LM
CASE MATERIAL	304 SS,Black glass-reinforced thermoplastic
MOVEMENT	SS, COPPER ALLOY
ACCURACY	±1%, ±2%, ±3% OF THE SPAN

Differential Pressure Gauge

TECHNICAL DATA	
MEASURING PRINCIPLE	DIAPHRAGM ELEMENT
MEASURING RANGE	0 TO 25BAR
MEDIA TEMPERATURE	≤100 °C
AMBIENT TEMPERATURE	-70°C ... +60°C
DIAL SIZE	100mm,160mm
PROCESS CONNECTION	2 x G ¼ female
PRESSURE CONNECTION	LOWER MOUNT
CASE MATERIAL	SS
MOVEMENT	SS
ACCURACY CLASS	1.6