

ALL STAINLESS STEEL CAPSULE PRESSURE GAUGES

121 series

APPLICATIONS

Capsule type pressure gauges can measure low and extremely low positive or negative pressure. 121 series can be used with corrosive gases, which do not corrode stainless steel, in a harsh environment. Generally used on pharmaceutical industry, leakage tests, filter, status monitoring, exhaust gas measurements, air-conditioning, container contents measures, laboratory applications and etc.



SPECIFICATIONS

Dial diameter Ø	4" (100mm)
Mounting types	Direct bottom mounting (Type B) — bottom connection without flange (standard) Wall mounting (Type W) — bottom connection with back flange (customization)
Case	Stainless steel 304, IP65, bayonet bezel
Lens	Glass standard, plastic or safety glass available
Dial	Aluminum, black and red markings on white background, dial arc 270°
Measuring principle	Capsule, stainless steel 316
Movement	Brass standard, stainless steel available
Pointer	Aluminum, black
Connection	Male thread 1/2" PT(BSPT) / NPT / PF(BSP) standard, stainless steel 316 other connection available by specially customization
Filling (option)	Silicon oil, only available for range ≥ 1000 mmH ₂ O
Adjustment	Adjustment screw on the dial, allowing correction of $\pm 10\%$ F.S.
Accuracy	$\pm 2.5\%$ F.S. standard, $\pm 1.6\%$ F.S. available
Temperature	Medium +100°C ; ambient -25 to +65°C
Ranges	positive, negative or compound 0 / 160 ~ 0 / 6000 mmH ₂ O (second scale: mbar) < other units available >

HOW TO ORDER

(Please specify additionally the special custom-made specifications)

