

DIAPHRAGM PRESSURE GAUGE

Threaded Process Connection – Welded one-piece type

DS170(W) series

APPLICATIONS

Diaphragm pressure gauges are used when medium is corrosive, contaminated, viscous, crystalline or with impurities. DS170(W) series is particularly used in chemical and petrochemical industry, mechanical engineering, plants and apparatus construction.



General Type

High Pressure Type

SPECIFICATIONS

Instruments	All series pressure gauges and pressure transmitters are available
Process Connection (Thread)	1/4" ; 3/8" ; 1/2" ; 3/4" ; 1" PT (BSPT) / NPT, male or female thread < Other sizes are available upon request > Note: Generally PF (BSP) thread is not available because the inlet hole is too small and it will be clogged with viscous or crystallizing medium.
Diaphragm Housing (in one body)	Diameter : Φ70 mm (standard) Material : SUS304 ; SUS316 ; SUS316L
Diaphragm	SUS316L
Coating (option)	Teflon ; PFA
Temperature	medium +80°C ; ambient 10 to 60°C for medium 80~400°C or ambient below 10°C available made-to-order
Filling Fluid	Glycerin or silicon oil standard < depends on temperature > , fluorocarbon oil available
Pressure Range	General type: 0 / 1 ~ 0 / 60 kg/cm ² (bar), positive, negative or compound High pressure type: 0 / 70 ~ 0 / 600 kg/cm ² (bar)
Accessory (option)	Cooling fin Capillary for remote measurement (specify length of capillary when ordering)

HOW TO ORDER

(Please specify additionally the special custom-made specifications or option items)

