

SERIES: P63

Dial: 2½", 4"
Accuracy: 1.0, 1.6%

DESCRIPTION

Indumart P63 Series Sanitary All Stainless Steel Pressure Gauges are ideal for solidifying, viscous and corrosive media. They are mostly used in pharmaceutical, hygienic or food processing industries to safeguard bacteria growth in the pressure gauges or in paint industry and wastewater treatment to measure pressure of viscous and solidifying media. The 316L stainless steel diaphragm, compliant to standard 3A-74-03, make these gauges suitable for most corrosive media. These gauges meet stringent demands and present long-term stability at measuring points with high dynamic alternating loads and strong vibrations and pulses.

The diaphragm seal is integrally built with the gauge and can be connected to the process with a quick-connection clamp and mating part which should be ordered separately. The sealing fluid is food grade oil and process temperature can be as high as 140°C; suitable for autoclaves, etc. The case of P63 Series of pressure gauges is fine polished (like mirror) stainless steel to control bacteria accumulation on the case and suitable for applications in critical food processing. The case may be filled with glycerin to ensure smooth pointer movement and to provide lubrication of the moving parts protecting the measuring system against wear. Standards followed in manufacturing of P63 Series are according to EN-837-3.

Compliant to standard 3A-74-03



Diaphragm

SPECIFICATIONS

Accuracy	1.6% (std.); 1.0% (option for 4")
Dial Sizes	2½" (63 mm), 4" (100 mm)
Case & Bayonet Bezel	Stainless steel
Connection	Bottom, back, eccentric back
Process Connection	Tri-clamp® diaphragm (3A std.), Bottom Matting part, Clamp & gasket must be ordered (option)
Diaphragm	316L st. steel (polished) < Ra 5 <u>compliant to 3A-74-03 standards</u>
Diaphragm Sizes	1½", 2" and 2½"; see ordering. For 1", please consult Indumart.
Socket Material	316L st. steel
Blow-out Disk & Gasket	Neoprene for 100 mm dial
Diaphragm Filling Fluid	Food grade oil, for other filling fluids, please consult Indumart.
Window	Plexiglass (for 2½" dial), safety glass (for 4" dial)
Process Temperature	-20...+140°C - without glycerine filling 65°C maximum - with glycerine filling
Ambient Temperature	-20...+60°C
Protection	IP65
Range	0...15 to 0...1,000 psi; 0...100 to 0...6,000 kPa; 0...1 to 0...60 bar Vacuum & compound ranges. Single or double scale dials.

Specifications may change without prior notice.

ORDER CODES

Model P63	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>							
CONNECTION	<table border="0"> <tr> <td>Bottom</td> <td rowspan="3">K T E</td> <td rowspan="3">2 4</td> <td rowspan="3">D1 D2 D3</td> <td rowspan="3">FG DF CT AD VC</td> </tr> <tr> <td>Back</td> </tr> <tr> <td>Eccentric Back</td> </tr> </table>					Bottom	K T E	2 4	D1 D2 D3	FG DF CT AD VC	Back	Eccentric Back
Bottom	K T E	2 4	D1 D2 D3	FG DF CT AD VC								
Back												
Eccentric Back												
DIAL SIZE	63 mm (2½") 100 mm (4")											
DIAPHRAGM SIZE	1½" 2" 2½" (only for 100 mm dial gauges)											
OPTIONS (more than one option may be selected)	Glycerine Filling (15...65°C case temperature) Other Seal Filling Fluid (please specify) 316 SS Case & Bezel 1% Accuracy for 100 mm Dial Gauge Bottom Matting, Clamp and Silicon Gasket *											
* Please specify the process side of the bottom mating part (size and thread). Example: P63B4D2-FG,VC - end of bottom mating part ½" NPT (M)												