



INDUSTRIAL PRESSURE GAUGE

Model : IPG

Application

A range of heavy duty pressure gauges ideally suited to most industrial applications where accuracy and durability is required. Gauges are available with all stainless steel internals. A number of optional accessories are available either as factory fitted or retro fitted - these include diaphragm seal units, electrical contact head systems, syphons, overrange protectors, snubbers and additional pointers.



Feature

- Adjustable micrometer pointer as standard (not 63mm)
- Field liquid fillable
- Class 1 Accuracy to EN837
- Simple installation and low maintenance
- Available with electrical contact head systems (100mm and 150mm dial size only)
- Can be used in conjunction with Diaphragm Seal Units
- External Zero Adjustment (optional)

Specifications

Case & Bezel 304 stainless steel 63mm, 100mm and 150 mm , 250mm nominal	Window Standard instrument glass as standard, sizes. laminated safety glass or Plexi if required
Element Bourdon tube in 316 stainless steel	Dial Aluminum, black graduation on white background Aluminum, black coloured micrometer zero adjustable Pointer 100mm,150mm and 250mm gauges (IPG only)
Pressure Ranges (Please refer table to standard ranges)	Movement Stainless steel
Connections Model IPG 63 : 1/4" (BSP - NPT) Model IPG 100, IPG 150, IPG 250 : 3/8",1/2" (BSP - NPT) Other connection available on request	Accuracy Class 1 to EN837
Mounting Direct, panel or surface mounting	Standard Weights (approx..) 63mm Dry 150 g Filled 250 g 100mm Dry 750 g Filled 1.0 kg 150mm Dry 1.0 kg Filled 1.25 kg 250mm Dry 2.3 Kg Filled 3.15 Kg

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Selection Guide: IPG-100-DB-10G-2B-G0

Dial Size	Mounting		CODE	RANGE	Connection				Execution
63 mm	Bottom	Direct Bottom	DB	Refer Table	TYPE	CODE	TYPE	CODE	Dry-G0 Glycerin-G1
100 mm		Bottom Surface	BS		1/4" BSP	4B	1/4" NPT	4N	
150 mm	Back	Back Direct	BC		3/8" BSP	8B	3/8" NPT	8N	
250 mm		Back with Bracket	BR		1/2" BSP	2B	1/2" NPT	2N	
		Back with Panel	BP		1/8" BSP	18B	1/8" NPT	18N	
					M12x1.5	M12			

Range Table:

Dual Scale kg/cm ² with psi (or bar / psi)									
Range		Least Count		code	Range		Least Count		code
kg/cm ²	psi	kg/cm ²	psi		kg/cm ²	psi	kg/cm ²	psi	
0-1.06	0-15	0.02	0.25	1G	0-42	0-600	0.5	10	42G
0-2.1	0-30	0.05	0.5	2G	0-56	0-800	1	10	56G
0-2.5	0-35	0.05	0.5	3G	0-70	0-1000	1	10	70G
0-4.2	0-60	0.05	1	4G	0-106	0-1500	2	25	106G
0-7	0-100	0.1	1	7G	0-140	0-2000	2	25	140G
0-10.6	0-150	0.2	2.5	10G	0-210	0-3000	2.5	50	210G
0-14	0-200	0.2	2.5	14G	0-280	0-4000	5	50	280G
0-17.5	0-250	0.2	2.5	17G	0-350	0-5000	5	50	350G
0-21	0-300	0.5	5	21G	0-420	0-6000	5	100	420G
0-28	0-400	0.5	5	28G	0-560	0-8000	10	100	560G
0-35	0-500	0.5	5	35G	0-700	0-10000	10	100	700G

Vaccum/Compound			
Range in Vaccum		Least count	
mmhg/ inHg		mmhg	inHg
-760 to 0/-30 to 0		10	0.5
Range in Compound		mmHg	kg/cm ²
-760 to 1		50	0.04
-760 to 2		50	0.1
-760 to 7		100	0.2
-760 to 10		100	0.2
-760 to 14		200	0.2
-760 to 21		200	0.5
-760 to 35		400	0.5
Note: mmhg to kg/cm ² with PSI reading			

Note: We offer National / International Scales like kPa, MPa, bar, psi, kg/cm & Dual Scale like kPa with psi, kPa with bar, bar with psi or Equivalent scales as per the requirement can be provided on request

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