



# 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

### Specifications

<b>Case &amp; Bezel</b> 304 stainless steel 63mm, 100mm and 150 mm , 250mm nominal	<b>Window</b> Standard instrument glass as standard, sizes. laminated safety glass or Plexi if required
<b>Element</b> Bourdon tube in 316 stainless steel	<b>Dial</b> Aluminum, black graduation on white background Aluminum, black coloured micrometer zero adjustable Pointer 100mm,150mm and 250mm gauges (IPG only)
<b>Pressure Ranges</b> (Please refer table to standard ranges)	<b>Movement</b> Stainless steel
<b>Connections</b> 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	<b>Accuracy</b> Class 1 to EN837
<b>Mounting</b> 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

Model	Dial Size	Mounting		CODE	RANGE	Connection				Execution
						TYPE	CODE	TYPE	CODE	
IPG	63 mm	Bottom	Direct Bottom	DB	Refer Table	1/4" BSP	4B	1/4" NPT	4N	Dry-G0 Glycerin-G1
	100 mm		Bottom Surface	BS						
	150 mm		Back Direct	BD						
	250 mm	Back with Bracket	BR							
		Back with flange	BF							

Note: Others on request.

### Range Table:

Dual Scale kg/cm <sup>2</sup> with psi (or bar / psi)									
Range		Least Count		code	Range		Least Count		code
kg/cm <sup>2</sup>	psi	kg/cm <sup>2</sup>	psi		kg/cm <sup>2</sup>	psi	kg/cm <sup>2</sup>	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	105G
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 Vaccume	Least count		code
mmhg/ inHg	mmhg	inHg	
-760 to 0/-30 to 0	10	0.5	1BA
Range in Compound	mmHg	kg/cm <sup>2</sup>	
-760 to 1.6	50	0.04	1.6BC
-760 to 3.5	50	0.1	3.5BC
-760 to 7	100	0.2	7BC
-760 to 10.6	100	0.2	10BC
-760 to 14	200	0.2	14BC
-760 to 21	200	0.5	21BC
-760 to 35	400	0.5	35BC

Note: mmhg to kg/cm<sup>2</sup> with PSI reading

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