



Budenberg

Made in Britain

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Model: 736

The Classic range of Pressure Gauges has been designed to meet the high demands of the process industry.

From harsh corrosive chemical applications to general engineering uses, the Classic combines a high specification with a very cost effective price.

The standard unit incorporates 316 stainless steel wetted parts that are housed within a liquid fillable 316 stainless steel case. Standard units are available as dual scale bar and psi but custom scales can be supplied. 316L wetted parts and cases are available as an option.

Available with a wide range of accessories including: Syphons, Snubbers, Gauge Savers, Manifolds, Diaphragm Seals etc ensures that Budenberg can provide you with the right product to suit any individual application or requirement.

Size

100 mm (4") & 150mm (6")

Mounting

Direct, Flush or Surface

Case & Bezel

One-piece open front case in 316 Stainless Steel with a safety blow out disc in the back. Polished Bezel with Bayonet Locking mechanism. 316L wetted parts and cases are available as an option.

Scale Ranges

0 to 1 bar to 0 to 1400 bar or equivalent units of pressure / vacuum are available

Pressure Element

≤80 Bar – 316 Stainless Steel Bourdon
Tube ≥81 Bar - 316 Stainless Steel Coil
316L wetted parts and cases are available as an option.

Overload

Units withstands overload pressure up to 130% of FSD 150% of FSD is optional. Please refer to our sales office

Pressure Connection

3/8", or 1/2" NPT as standard in stock
Other types available by order

Accuracy Class

CL:1 1.0% of FSD as defined in EN837-1 as standard
CL: 0.5% available as an additional cost option

Temperature

Operating: -40 to +60 °C
Storage: -40 up to +100 °C
Options: for lower or higher operating temperatures, please contact our Sales Office

CLASSIC PROCESS GAUGE



Temperature Effect

Max 0.4% / 10K

Dial

White Anodised Aluminium marked in black finish
Dual scale bar / psi is standard but customised dials are available

Pointer

Black Aluminium Micrometer Adjustable Pointer

Movement

304 Stainless Steel Construction
Options: Case filling with glycerine or other fluids is available
Viscous Damped Movement is available

Window

Toughened Safety Glass

Environmental Rating

IP67 as defined in EN 60 529

Traceability

All instruments are individually calibrated
A Certificate of Conformity is Supplied Free of Charge

Certification available

BS EN 10204 3.1B Material Certification
Point by Point Test Certificate

Safety

All units are manufactured to comply with EN 837-1 specification and other regulatory standards including PED.

Installation Instructions

Refer to EN 837-2

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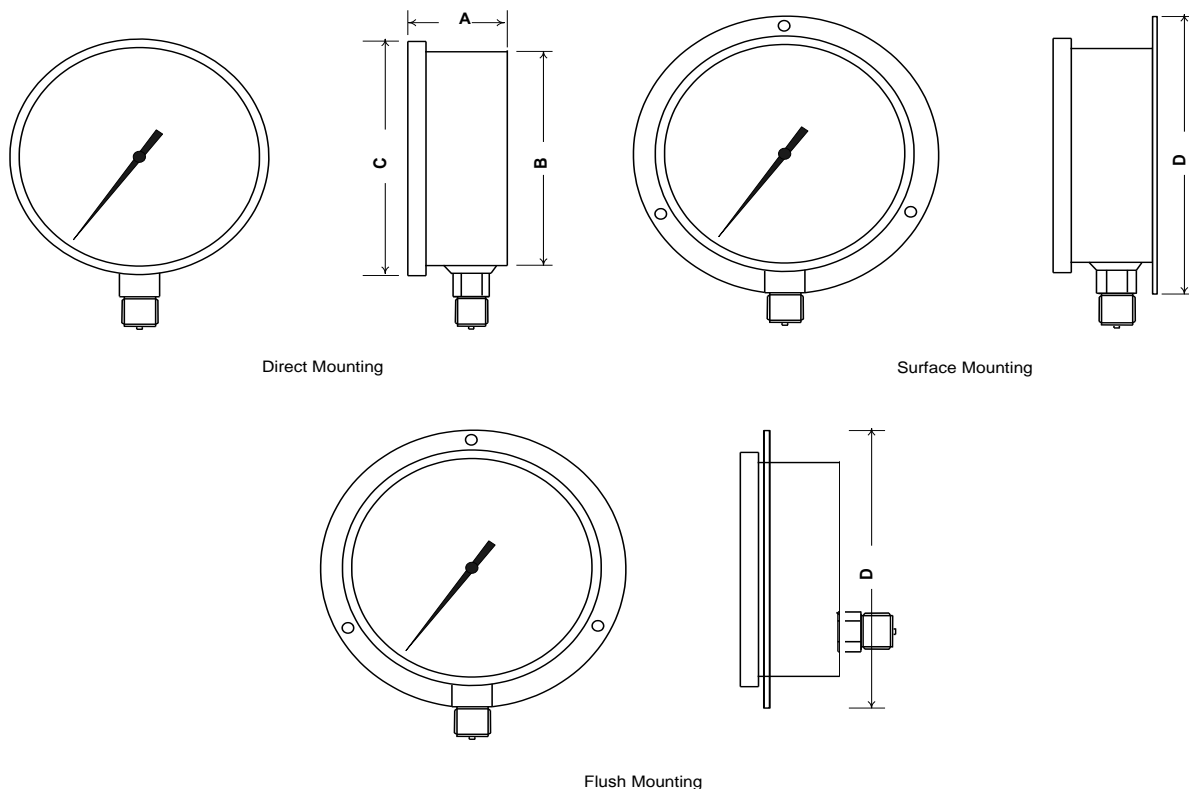
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Model No	A	B	C	D	Hole Diam	PCD	Weight
100mm 736 (Dry Case)	49	99	111	134	6.0	118	0.5 kg
100mm 736 (Filled Case)	49	99	111	134	6.0	118	0.9 kg
150mm 736 (Dry Case)	49	149	160	186	6.0	168	1.0 kg
150mm 736 (Filled Case)	49	149	160	186	6.0	168	1.9 kg

Standard Stock units - 100 mm, Dual Scale bar / psi

Stock No	Range	Connection
73601.01/2N	0 - 1.0 bar	1/2" NPT m
73601.61/2N	0 - 1.6 bar	1/2" NPT m
73602.51/2N	0 - 2.5 bar	1/2" NPT m
73604.01/2N	0 - 4.0 bar	1/2" NPT m
73606.01/2N	0 - 6.0 bar	1/2" NPT m
736010.01/2N	0 - 10 bar	1/2" NPT m
736016.01/2N	0 - 16 bar	1/2" NPT m
736025.01/2N	0 - 25 bar	1/2" NPT m
736040.01/2N	0 - 40 bar	1/2" NPT m
736060.01/2N	0 - 60 bar	1/2" NPT m

Accessories

Budenberg can supply a full range of gauge accessories and manifolds that include:

- Externally Adjustable Snubber U' and
- Scroll syphons Overload Protection
- Valves Gauge Swivel Adaptors Needle
- Valves
- Ball Valves
- Block & Bleed Manifolds Diaphragm
- Seal units

Specifications and dimensions in this leaflet, are subject to change without prior notice.

Please contact our Sales Office for any special requirements including units for operation on special services, higher temperature operation or customised dials,.



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