

MODELS-600 シリーズ

All stainless steel construction Pressure Gauges



APPLICATIONS

600シリーズ圧力計は、腐食環境にあるような海上及び陸上の化学、石油化学、電力、船舶、食品及び医薬品の製造過程における圧力システムのガス、液体媒体に適しています。

圧力計ダイヤル盤上に貴社名（ロゴ等）の表示が可能

STANDARD SPECIFICATION

安全装置(ブローアウトデバイス)付きです。(IP66)

ダイヤルサイズ
63, 100 and 150 mm

圧力計ケース
316 Stainless Steel
ソケット&エレメント
316 Stainless Steel

ムーブメント
Stainless Steel

Blowout Protection(安全装置)
Blow-out plug(ケーストップに設置)

ダイヤル
白アルミ板に黒色ペイント
Pointer(指針)
黒色 アルミ

Window (計器窓)
ガラスプレート

トレーサビリティ
All個別にシリアルナンバーを付与し公正を実施。

各種証明書もご希望に応じて対応可能

- Certificate of Conformity Traceable to National Standards
- Group Certification (Pressure Test Calibration Statement)
- Point to Point Test Certificate
- BS EN 10204 3.1 Material Certification

Safety

All units are manufactured to comply with EN 837-1, S1 Blowout device specification and other regulatory standards including PED 2014/68/EU.

Installation instructions

Refer to EN 837-2 and our [Guidance On Use of Equipment](#) data sheet.

Accuracy class

ACCURACY CLASS EN837-1 (Optional)			Higher Pressure
	0 - 60 MPa	>60 - 160 MPa	>160 - 250 MPa
63mm	1.0	1.6 *	N/A
100mm	1.0 (0.6)	1.0	1.6
150mm	1.0 (0.6)	1.0	1.6

0.5% Accuracy on request (Consult Sales)
Higher Ranges on request (Consult Sales)

Over-pressure

0 - 100 bar	>10 - 60 MPa	>60 - 160 MPa	>160 - 250 MPa
1.25 x FSD	1.15 x FSD	1.10 x FSD	1.10 x FSD

Scale Range

Vacuum / Compound to -1 to 0 to -1 to 2.4 MPa
63mm gauge 0 to 140 MPa *
100 & 150mm gauges 0 to 250 MPa
Or other equivalent units of pressure or vacuum

Pressure Connection Thread

1/8", 1/4", 3/8", 1/2" NPT, PF, PT (See High Pressure Options)

MAX PRESSURE EN 837-1			
THREAD EN837	NPT (316ss / Monel)	PF (316ss / Monel)	PT (316ss / Monel)
1/8"	40 MPa	40 MPa	40 MPa
1/4"	100 MPa	100 MPa	100 MPa
3/8"	100 MPa	100 MPa	100 MPa
1/2"	100 MPa	160 MPa	100 MPa

Model-632 Direct Mounted



Model-631 Surface Mounted (Bottom Connection)
Model-632 Direct Mounted (Bottom Connection)
Model-633 Flush Mounted Screw Fixing (Rear Connection)
Model-634 Flush Mounted Clamp Fixing (Rear Connection)
[See Page-2 for dimension](#)

Operating Temperature Range EN837

-20° to 60°C (-4°F to 140°F)

[Options for lower/higher operating ranges \(Contact Sales\)](#)

Temperature Error

Additional error when temperature changes from reference
Temperature of 20°C (68°F) ±0.4% for every 10°C (18°F) rising or Falling % of span

Optional Extras

- Micro adjustable pointer /Black finish
- Optional dial materials & Custom markings
- Monel according to ISO 15156 / NACE MR-01-75 wetted parts
- Other pressure connections (Including high pressure)
- Laminated safety glass / Perspex window
- Orifice Restrictor Screw (standard Ø0.9mm, Ø0.4mm on request)
- Customer logo printed on dial
- Liquid filled / Suitable for liquid filling
- Nitelitagage® (See data sheet)
- Vibragauge® (See data sheet)
- Snubbagauge® (See data sheet)
- Fitted with electrical contacts (See data sheet)
- Gauge over-pressure up to 130% of FSD

[Further options on request](#)

Available with a wide range of accessories

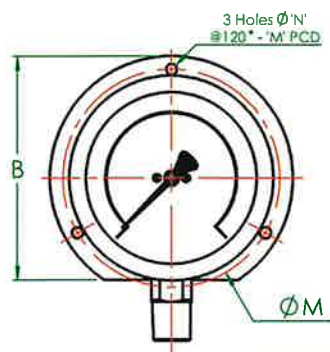
Syphons, Snubbers, Overrange gauge protectors, Valves, Manifolds, Diaphragm seals, Swivel adaptors, etc ensures that STEWARTS can provide you with the right product to suit any individual application or requirement.

High Pressure Options Available

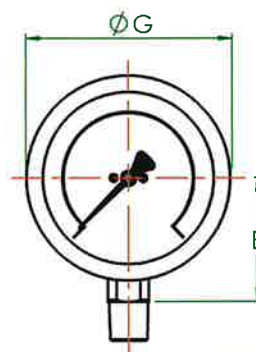
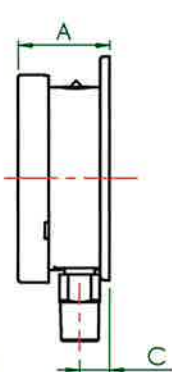
HIGH PRESSURE THREAD OPTIONS (Up to 2500 bar)						
GAUGE	TUBE MP (Up to 140 MPa)			TUBE HP (Up to 250 MPa)		
	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"
63mm	M	M				
100mm	M/F	M/F	M	M/F	M	M
150mm	M/F	M/F	M	M/F	M	M

*M=メス F=オス

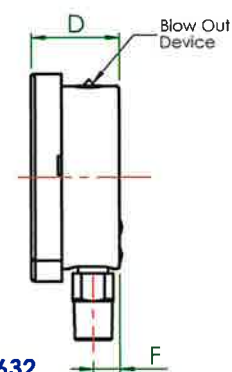
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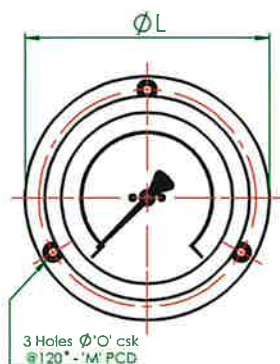
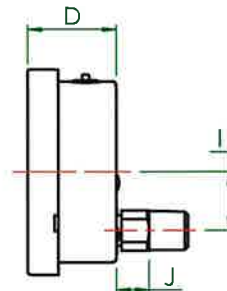
MODEL - 631
Surface Mounted



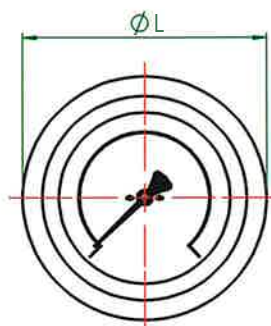
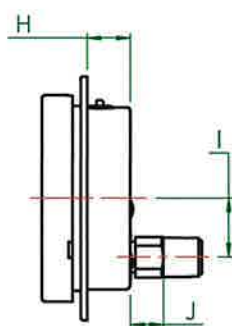
MODEL - 632
Direct Mounted (Standard)



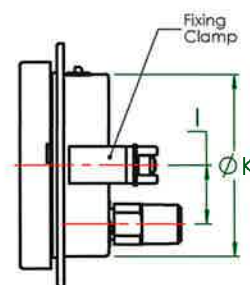
MODEL - 632-BC
Direct Mounted - Rear Connect



MODEL - 633
Flush Mounted - Screw Fixing



MODEL - 634
Flush Mounted - Clamp Fixing



General Arrangement Dimensions in mm, tol' ± 1 mm																
DIM ø mm	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	CUT OUT
63 (2½")	34.5	78.5	12.5	31.5	41.8	9.5	68.4	21.5	18	13	62	85.2	75	3.5	3.8	66
100 (4")	50.7	121	16.2	49	66.9	14.5	112.2	24.5	32	18	99	132.5	118	6	6	106
150 (6")	52.7	174	18.4	49.5	92.1	15.2	161.7	24	32	17.8	148	186	168	5.8	5.8	153

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