

Instrumentation



AUSTIN-UK has been a trusted force in industrial instrumentation for 20 years. Headquartered in the UK, we specialize in designing and manufacturing precision-engineered measurement solutions, mirroring the core offerings of industry leaders with our extensive portfolio. Engineered for demanding environments, AUSTIN-UK products are vital for safety, efficiency, and control in critical processes. We serve diverse sectors including oil & gas, chemical processing, power generation, water treatment, and pharmaceuticals. Built on two decades of expertise and unwavering commitment to quality, AUSTIN-UK delivers dependable performance where measurement matters most

AUSTIN-UK has been synonymous with uncompromising quality and robust reliability in the demanding field of industrial instrumentation. Founded in 2004 and proudly headquartered in the United Kingdom, we have established ourselves as a cornerstone manufacturer, designing and producing the same critical measurement solutions trusted globally. Our journey began with a commitment to engineering excellence, a principle that continues to drive every instrument we craft.

AUSTIN-UK's comprehensive portfolio encompasses the essential tools for monitoring and controlling industrial processes. We specialize in the precise manufacture of mechanical pressure & DP gauges for diverse media and environments. Our expertise extends to highly accurate pressure & DP switches, vital for safety interlocks and process automation. We produce a full range of temperature measurement devices, from rugged dial thermometers and thermowells to sophisticated RTD & Thermocouple assemblies and switches. Level instrumentation for tanks and vessels, along with protective accessories like diaphragm seals, completes our core offering.

Engineered to perform in the most challenging conditions – from extreme temperatures and corrosive chemicals to high vibration and pressure – AUSTIN-UK instruments are integral to operational safety, efficiency, and productivity. For two decades, we have served as a trusted partner across critical sectors: ensuring precision in oil & gas exploration and refining, reliability in chemical and pharmaceutical processing, safety in conventional and renewable power generation, and efficiency in water treatment and marine applications.

Our longevity is built on a relentless focus on quality control, adherence to stringent international standards (including ATEX, IECEx, and ASME), and continuous innovation. From our advanced UK manufacturing facilities, backed by a global support network, AUSTIN-UK delivers more than just instruments; we provide the dependable performance and peace of mind that comes with 20 years of proven expertise, where measurement accuracy is paramount. We are the steadfast choice for industry professionals worldwide.

The following line card showcases some of our prominent product lines which cater to your industry, but they are the tip of an ice burg. For further details contact our seals team for a details catalogue or an Engineering Drawing for review and approval.

LINE CARD

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BM24 Bourdon Pressure Gauge - Utility



Dial size	1½", 2", 2½", 4", 6"
Accuracy	±2.5% of full scale for 1½", 2" ±1.6% of full scale for 2½", 4", 6"
Wetted parts	Copper Alloy
Enclosure	SS 304, Crimped bezel, IP 65
Mounting	Bottom, Centre Back, Eccentric back
Mounting accessories	Back Flange, Front Flange, Panel mounting clamp
Standard options	Glycerin Filling, SS Tag Plate Restriction Screw, Refrigerant Scales Color band, Private Labelling

CU24 Capsule Pressure Gauge - Utility



Dial size	1½", 2", 2½", 4", 6"
Accuracy	±1.6% for 2½", 4", 6"
Wetted parts	Copper Alloy
Enclosure	SS 304, Bayonet bezel, IP 54
Mounting	Bottom, Centre Back, Eccentric back
Mounting accessories	Back Flange, Front Flange, Panel mounting clamp
Standard options	Glycerin filling, SS Tag Plate Restriction Screw

BM64 Miniature Pressure Gauge - Industrial



Dial size	1½", 2", 2½", 4"
Accuracy	±2.5% for 1½", 2" ±1.6% for 2½", 4"
Wetted parts	SS 316L / MONEL*
Enclosure	SS 304, Crimped bezel, IP 65
Mounting	Bottom, Centre Back
Mounting accessories	Back Flange, Front Flange, Panel mounting clamp
Standard options	Glycerin Filling, Restriction Screw, Oxygen Service, Ammonia Scale, Color band, Private Labelling

FM64 Differential Pressure Gauge - Magnetic



Dial size	2½", 4", 4½", 6"
Accuracy	±1.6% of full scale
Wetted parts	SS 316 / SS 316L
Enclosure	SS 304, Push-fit bezel, IP 67
Mounting	Bottom, Back, In-Line
Mounting accessories	Front flange, 2" Stanchion
Standard options	SS Tag Plate, Oxygen Service Maximum Reading Pointer Color band, Private Labelling

NOTE: Process connections can be ¼", ½", ¾", 1" in sizes with NPT, BSP, G, R, PT threads in Male or Female configuration.

**BS64
Bourdon Pressure Gauge - Industrial**



Dial size	4", 6", 8", 10"
Accuracy	±1.0 of full scale
Wetted parts	SS 316L / MONEL / Hastelloy C
Enclosure	SS 304, Bayonet bezel, IP 68
Mounting	Bottom, Centre Back, Eccentric back
Mounting accessories	Back Flange, Front Flange, Panel mounting clamp, 2" Stanchion
Standard options	Glycerin Filling, SS Tag Plate Restriction Screw, Oxygen Service External Zero Adjustment Color bands, Private Labelling

**BF64
Solid Front Pressure Gauge - Industrial**



Dial size	4" & 6"
Accuracy	±1.0% of full scale / ±0.5% (optional)
Wetted parts	SS 316L / MONEL / Hastelloy C
Enclosure	SS 304, Bayonet bezel, IP 67
Mounting	Bottom
Mounting accessories	Back Flange, 2" Stanchion
Standard options	Glycerin Filling, Restriction Screw SS Tag Plate, External Zero Adjustment 150% Over Pressure Protection Color bands, Private Labelling

**BF6Y
Polypropylene Pressure Gauge - Solid Front**



Dial size	4½"
Accuracy	±0.5% of full scale / ±1.0% (optional)
Wetted parts	SS 316L / MONEL*
Enclosure	Polypropylene, Screwed bezel, IP 67
Mounting	Bottom, Eccentric Back
Mounting accessories	Back Flange
Standard options	Glycerin filling, SS Tag Plate Restriction Screw, Oxygen Service Phenolic Resin case & ring Color bands, Private Labelling

**FB64
Differential Pressure Gauge - Bellows**



Dial size	6"
Accuracy	±1.0% of full scale
Wetted parts	SS 316L
Enclosure	SS 304, Bayonet bezel, IP 67
Mounting	Bottom
Mounting accessories	Back Flange, 2" Stanchion
Standard options	Glycerin Filling, SS Tag Plate, Max. Reading Pointer Electric contacts, Flow Measuring Scale Color band, Private Labelling

NOTE: Process connections can be 1/8", 1/4", 3/8", 1/2" in sizes with NPT, BSP, G, R, PT threads in Male or Female configuration.

MB64 Bimetal Thermoemeter



Dial size	2½", 4" & 6"
Accuracy	Class 1 / ±1.0% of full scale
Sensor details	SS 316 Ø6 / Ø8 / Ø9.5 / Ø10 / Ø12 65mm up to 750mm
Enclosure	SS 304, Bayonet bezel, IP 68
Mounting	Bottom, Centre Back
Mounting accessories	Front Flange,
Standard options	SS Tag Plate, Color bands, Private Labelling

MB65 Every Angle Thermometer



Dial size	3", 4", 4½" & 6"
Accuracy	Class 1 / ±1.0% of full scale
Sensor details	SS 316 Ø6 / Ø8 / Ø9.5 / Ø10 / Ø12 65mm up to 750mm
Enclosure	SS 304, Bayonet bezel, IP 67
Mounting	Every Angle
Standard options	SS Tag Plate, Restriction Screw External Zero Adjustment Glycerine / Silicon Oil Filled Color bands, Private labelling

MG64 GAS FILLED THERMOMETER



Dial size	4" & 6"	Standard options	Glycerin filling, SS Tag Plate Electric contacts, Max. Reading Pointer External Zero Adjustment Color bands, Private Labelling
Accuracy	±1.6% of full scale		
Sensor details	SS 316 Ø6 / Ø8 / Ø9.5 / Ø10 / Ø12 65mm up to 750mm		
Remote mounting details	SS 316L 1000 mm up to 10000mm		
Armour	SS 304, SS 316, PVC coated		
Enclosure	SS 304, Bayonet bezel, IP 65		
Mounting	Back Flange, Front Flange, Panel mounting clamp, 2" Stanchion		

NOTE: Process connections can be ⅛", ¼", ⅜", ½" in sizes with NPT, BSP, G, R, PT threads in Male or Female configuration.

CS64 Capsule Pressure Gauge - Industrial



Dial size	2½", 4" & 6"
Accuracy	±1.6 of full scale
Wetted parts	SS 316 capsule + SS 316L socket
Enclosure	SS 304, Bayonet bezel, IP 68
Mounting	Bottom, Centre Back, Eccentric back
Mounting accessories	Back Flange, Front Flange, Panel mounting clamp, 2" Stanchion
Standard options	SS Tag Plate, Restriction Screw Internal Zero Adjustment Color bands, Private Labelling

DS64 Diaphragm Pressure Gauge - Industrial



Dial size	4" & 6"
Accuracy	±1.0% of full scale / ±0.5% (optional)
Wetted parts	SS 316L / MONEL / Hastelloy C
Enclosure	SS 304, Bayonet bezel, IP 67
Mounting	Bottom
Mounting accessories	Back Flange, 2" Stanchion
Standard options	SS Tag Plate, Restriction Screw 150% Over Pressure Protection Color bands, Private labelling

FD64 Differential Pressure Gauge - Standard



Dial size	4" & 6"
Accuracy	±2.5% of full scale
Wetted parts	SS 316 / SS 316L
Enclosure	SS 304, Bayonet bezel, IP 65
Mounting	Bottom, Back
Mounting accessories	Back Flange, Front Flange 2" Stanchion
Standard options	Glycerin Filling, SS Tag Plate, Max. Reading Pointer Electric contacts, Flow Measuring Scale Color band, Private Labelling

FD65 Differential Pressure Gauge - High Static



Dial size	4" & 6"
Accuracy	±1.6% of full scale
Wetted parts	SS 316L / MONEL / Hastelloy C
Enclosure	SS 304, Bayonet bezel, IP 65
Mounting	Bottom, Center Back
Mounting accessories	Back Flange, Front Flange 2" Stanchion
Standard options	Glycerin Filling, SS Tag Plate, Max. Reading Pointer Electric contacts, Flow Measuring Scale Color band, Private Labelling

NOTE: Process connections can be ⅛", ¼", ⅜", ½" in sizes with NPT, BSP, G, R, PT threads in Male or Female configuration.

SCX4 / SSX4 Direct Coupled Diaphragm Seal



Diaphragm	SS 316L, Hastelloy C, Inconel, Monel Tantalum, Titanium, Super Duplex
Bottom Chamber	SS 316L, Hastelloy C, Inconel, Monel Titanium, PVC, Polypropylene
Top Chamber	SS 304, SS 316
Process Connection	½" NPT(M) / ½" BSP(M) / M20 x 1.5P ⅜" NPT(M) / ½" NPT (F) / ¾" NPT (M)
Filling Liquid	Silicon oils, Syltherm, Halo-carbon Food grade, Fluorolube, etc.
Standard options	Material Test Certificate Wetted parts tested to NACE standards

SGX4 / SDX4 Heavy Duty Diaphragm Seal



Diaphragm	SS 316L, Hastelloy C, Inconel, Monel Tantalum, Titanium, Super Duplex
Other wetted parts	SS 316L, Hastelloy C, Inconel Monel, Titanium
Non-wetted parts	SS 304, SS 316
Process Connection	½" NPT(M) / ½" BSP(M) / M20 x 1.5P ⅜" NPT(M) / ½" NPT (F)
Filling Liquid	Silicon oils, Syltherm, Halo-carbon Food grade, Fluorolube, etc.
Standard options	Material Test Certificate Wetted parts tested to NACE standards

SVX4 / SIX4 Flanged Diaphragm Seal - Inverted / I-Section



Diaphragm	SS 316L, Hastelloy C, Inconel, Monel Tantalum, Titanium, Super Duplex
Bottom Chamber	SS 316L, Hastelloy C, Inconel, Monel Titanium, PVC, Polypropylene
Process Connection	ANSI / API / ISO / EN flanged with Flat / Serrated / RTJ facing
Filling Liquid	Silicon oils, Syltherm, Halo-carbon Food grade, Fluorolube, etc.
Standard options	Material Test Certificate Wetted parts tested to NACE standards PFA lining / coating Gold / Silver plating on diaphragm & RF

SFX4 / SEX4 Flanged Diaphragm Seal - Flushed / Extension



Diaphragm	SS 316L, Hastelloy C, Inconel, Monel Tantalum, Titanium, Super Duplex
Bottom Chamber	SS 316L, Hastelloy C, Inconel, Monel Titanium, PVC, Polypropylene
Process Connection	ANSI / API / ISO / EN flanged with Flat / Serrated / RTJ facing
Filling Liquid	Silicon oils, Syltherm, Halo-carbon Food grade, Fluorolube, etc.
Standard options	Material Test Certificate Wetted parts tested to NACE standards PFA coating Gold / Silver plating on diaphragm & RF

NOTE: For other customization, please contact factory.

**SHP4
SIPHON / COOLING ELEMENTS**



Material of Construction	SS 304, SS 316, SS 316L
Type of Construction	Coil / Trumpet / U - type for siphon Fin type with various length
Connections	1/4", 3/8", 1/2", 3/4" with Male / Female in NPT / BSP / G / R / PT threads ANSI / API / ISO / EN flanged with Flat / Serrated / RTJ facing
Max Working Temp. / Pressure	250°C / 400 bar Consult factory for compatibility
Standard options	Material Test Certificate Wetted parts tested to NACE standards

**SNB4
Snubber**



Material of Construction	SS 304, SS 316, SS 316L, Monel Hastelloy C, Inconel
Connections	1/4", 3/8", 1/2", 3/4" with Male / Female in NPT / BSP / G / R / PT threads
Max Working Temp. / Pressure	250°C / 400 bar Consult factory for compatibility
Standard options	Material Test Certificate Wetted parts tested to NACE standards

**SAV4
Miniature Pressure Gauge - Industrial**



Material of Construction	SS 304, SS 316, SS 316L, Monel Hastelloy C, Inconel
Connections	1/4", 3/8", 1/2", 3/4" with Male / Female in NPT / BSP / G / R / PT threads
Max Working Temp. / Pressure	250°C / 400 bar Consult factory for compatibility
Standard options	Material Test Certificate Wetted parts tested to NACE standards

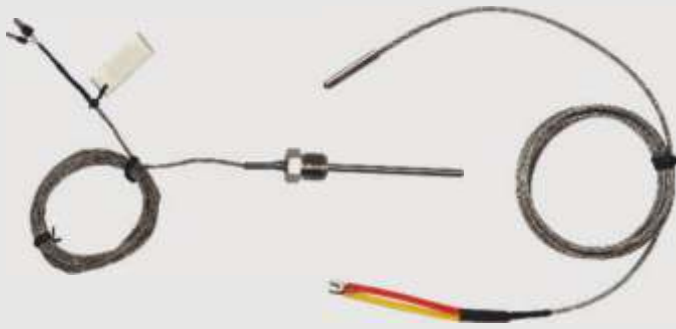
**FLR4
Flushing Ring**



Material of Construction	SS 304, SS 316, SS 316L, Monel Hastelloy C, Inconel
Connections	ANSI / API / ISO / EN flanged with Flat / Serrated / RTJ facing
Max Working Temp. / Pressure	250°C / 400 bar Consult factory for compatibility
Flushing Ports (Plugged)	Single / Double 1/4" NPT (F) / 1/2" NPT (F)
Standard options	Material Test Certificate Wetted parts tested to NACE standards

NOTE: For other customization, please contact factory.

**RX6X / TX6X Series
RTD / Thermocouple - General Application**



Element type	RTD:- Pt-100, Pt-500, Pt-1000 Thermocouple: K, J, N, E, T Noble Thermocouple: R, S, B
Accuracy	RTD:- Class A [IEC 751] Thermocouple: Class 2 [ANSI MC 96.1]
Sensor details	SS 316 Ø6 / Ø8 / Ø9.5 / Ø10 / Ø12 25mm up to 25000mm
Termination	Extension & Compensating cables PTFE/PTFE or PTFE/PTFE/SS braided Others on request
Standard options	Head mount transmitter [4 - 20mA] Cable glands & Blind plugs

**RX6X / TX6X Series - Industrial Version
RTD / Thermocouple - Threaded Connections**



Element type	RTD:- Pt-100, Pt-500, Pt-1000 Thermocouple: K, J, N, E, T Noble Thermocouple: R, S, B
Accuracy	RTD:- Class A [IEC 751] Thermocouple: Class 2 [ANSI MC 96.1]
Sensor details	SS 316 Ø6 / Ø8 / Ø9.5 / Ø10 / Ø12 25mm up to 25000mm
Termination	Weatherproof / Flameproof Enclosure Ex-proof / ATEX approved Enclosure Others on request
Standard options	Head mount transmitter [4 - 20mA] Cable glands & Blind plugs

**RX6X / TX6X Series - Industrial Version
RTD / Thermocouple - NUN Connection**



Element type	RTD:- Pt-100, Pt-500, Pt-1000 Thermocouple: K, J, N, E, T Noble Thermocouple: R, S, B
Accuracy	RTD:- Class A [IEC 751] Thermocouple: Class 2 [ANSI MC 96.1]
Sensor details	SS 316 Ø6 / Ø8 / Ø9.5 / Ø10 / Ø12 25mm up to 25000mm
Termination	Extension & Compensating cables PTFE/PTFE or PTFE/PTFE/SS braided Others on request
Standard options	Head mount transmitter [4 - 20mA] Cable glands & Blind plugs

**WTXX / WFXX / WPXX
Thermowells**



Type	Threaded / Flanged / Sanitary Van-stone / Strakes
Material	SS 304, SS 316, SS 316L, Monel Hastelloy C, Inconel, Super Duplex Titanium
Shank forms	Straight / Tapered Reduced Tip / Partial Taper
Shank type	Bar-stock / Pipe-fabricated
Standard options	Material Test Certificate Wetted parts tested to NACE standards PFA lining / coating, Tantalum sleeves Stellite / Tungsten carbide coating

NOTE: Process connections can be 1/8", 1/4", 3/8", 1/2" in sizes with NPT, BSP, G, R, PT threads in Male or Female configuration.

PW6A / DW6A Series Weather proof Pressure Switch



Enclosure	Die-cast aluminum, Weatherproof, IP 65
Accuracy & Repeatability	±0.5% of Full scale ±1.0% of Full scale
Sensor material	SS 316 / Monel / Hastelloy C-276
Range	-250 mbar up to 250 bar
Set Point	20 ~ 80% in between the scale range
Switch type & Rating	1 SPDT / 2 SPDT / 1 DPDT 15A/250VAV OR 0.5A/25VDC
Other Options	2" Pipe Mounting Bracket Various cable glands

PE6A / DE6A Series Explosion proof Pressure Switch



Enclosure	Die-cast aluminum, Explosion proof or Ex d IIA IIB IIC T6 Gb Zone 0, 1 & 2
Accuracy & Repeatability	±0.5% of Full scale ±1.0% of Full scale
Sensor material	SS 316 / Monel / Hastelloy C-276
Range (ΔP)	25 mbar up to 25 bar
Set Point	20 ~ 80% in between the scale range
Switch type & Rating	1 SPDT / 2 SPDT / 1 DPDT 15A/250VAV OR 0.5A/25VDC
Other Options	2" Pipe Mounting Bracket, Suitable cable glands

LS6W / LS6E Series Side mounted level switch



Enclosure	Die-cast aluminum, Weatherproof, IP 65
Connections	92mm PCD square / round flange 62 mm PCD round flange 2" NPT / BSP threaded 2" / 3" / 4" flanged as per ANSI B16.5
Mounting	Side / Top
Float Insertion	Ø50mm x 235mm ~ 375mm
Wetted Parts	SS 304 / SS 316 / PVC COATED
Microswitch®	1 SPDT / 2 SPDT, 5A/250VAV
Specific Gravity	0.6 (Min.)

LT6W / LT6F Series Top mounted level switch



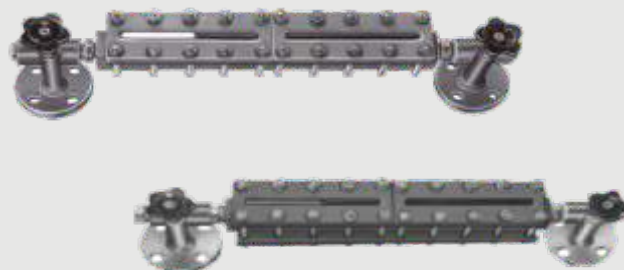
Enclosure	Die-cast aluminum, Weatherproof, IP 65 or Ex d IIA IIB IIC T6 Gb Zone 0, 1 & 2
Connections	1" or 2" NPT / BSP threaded 2" / 3" / 4" flanged as per ANSI B16.5
Sensor material	SS 304 / SS 316 / Polypropylene
Float size & No. of floats	Ø28mm / Ø44mm / Ø52mm One up to Four floats / set points
Probe Length	200 mm up to 3000 mm
Reed Switch	1 SPST / 1 SPDT, 0.5A / 230VAC
Other Options	0.6 (Min.)

LM66 Magnetic Level Gauges



Wetted Parts	SS 304 / SS 316 / SS 316L Titanium / Polypropylene
Mounting	Side-Side / Top
C - C Distance	250mm up to 6000 mm (Max)
Measuring Error	10 mm (Max.)
Scale	Aluminium / Acrylic / SS 304
Indicator Flag & Color	Magnetic Rollers with Blue / White OR Red / White
Specific Gravity Temp. / Pressure	0.75 (Min.) 250°C / 40 bar (Max. operating)
Connection	Threaded / Flanged

LRCC / LPCC Reflex / Transparent Level Gauges



Wetted Parts	ASTM A105 / SS 304 SS 316 / SS 316L
Mounting	Side-Side
C - C Distance	250mm up to 6000 mm (Max)
Measuring Error	10 mm (Max.)
Scale	Aluminium / SS 304
Gauge Glass	Toughened borosilicate glass Reflex OR Transparent type
Specific Gravity Temp. / Pressure	0.75 (Min.) 400°C / 50 bar (Max. operating)
Connection	Threaded / Flanged

LT66 Tubular Level Gauges



Wetted Parts	SS 304 / SS 316 / SS 316L Polypropylene / PVC
Mounting	Side-Side
C - C Distance	250mm up to 2000 mm (Max)
Measuring Error	10 mm (Max.)
Scale	Aluminium / SS 304
Gauge Glass	Ø16mm - Borosilicate / Acrylic
Specific Gravity Temp. / Pressure	0.75 (Min.) 120°C / 10 bar (Max. operating)
Connection	Threaded / Flanged

FB6A Float & Board Level Gauges



Wetted Parts	SS 316 / SS 316L
Mounting	Top-Side
C - C Distance	3,000mm up to 20,000 mm (Max)
Measuring Error	10 mm (Max.)
Scale	Aluminium
Indication	Powder coated Red CI Pointer with Nylon rollers
Specific Gravity Temp. / Pressure	0.75 (Min.) 80°C / 5 bar (Max. operating)
Connection	Flanged

Our partner in your region:

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