

PRESSURE GAUGE

The Pressure gauge transfers the elastic deformation of the inner sensitive components (Borden tube, membrane box, bellows) into the table pointer rotation to show the pressure information. Mainly these types showed in below are pointer type and Digital type.

Pointer Type Pressure Gauge			
Picture	Product Name	Parameter	Main Features and Application
	SS Pressure gauge	1.Model:YTF series 2.Range: -0.1-60-250Mpa (custom) 3. Diameter: 60mm ,100mm ,150mm(custom) 4. Thread:1/2NPT (custom) 5.Temperature: -40-70 °C 6.Material:SS	Widely used in petroleum, chemical, chemical fiber, metallurgy, power station, food and other industrial sectors of the corrosion resistance, high temperature requirements of the process of measuring a variety of fluid medium pressure.

	Differential pressure gauge	1.Model:YD-2000 2. Diameter: 100mm 3.Range: can custom pressure unit 0-30PA 0-60PA 0-125PA 0-250PA 0-500PA 0-1KPA 0-1.5KPA 0-2KPA 0-3KPA 0-5KPA $\pm 30\text{PA}$ $\pm 60\text{PA}$ $\pm 125\text{PA}$ $\pm 250\text{PA}$	For medical and health, microelectronics, aerospace, environmental engineering, bio-engineering, pharmaceuticals, building intelligence, HVAC, food and beverage, precision electronic processing.
	Liquid filled pressure gauge	1.Model:YN series 2.Range: -0.1-60-250Mpa (custom) 3. Diameter: 60mm ,100mm ,150mm(custom) 4. Thread:1/2NPT (custom) 5.Temperature: -40-70 °C 6.Material:SS 7.Oil filled	- liquid (silicon oil) filled pressure gauge for the environment of severe vibration, can withstand the media pulse, shock and sudden unloading, instrument instructions stable and clear - suitable for corrosive environments and gaseous or liquid media - used in high dynamic pressure pulsations or vibration pressure pulsations or vibration
	Electric contact pressure gauge	1.Model:YX series 2.Range: -0.1-60-250Mpa (custom) 3. Diameter: 60mm ,100mm ,150mm(custom) 4. Thread:1/2NPT (custom) 5.Temperature: -40-70 °C 6.Material:SS	- reliable structure - variety specifications complete - good action stability - strong adaptability characteristics, - has a monitoring and control - simple installation and maintenance

	Diaphragm pressure gauge	1.Model:YTP series 2.Range: -0.1-60-250Mpa (custom) 3. Diameter: 60mm ,100mm ,150mm(custom) 4. Thread:1/2NPT (custom) 5.Temperature: -40-70 °C 6.Material:SS 7.Oil filled	• measuring strong corrosion, high temperature, high viscosity • easy to crystallize • easy to solidify, there are solid floating media pressure and the need to avoid the measurement of media directly into the general pressure gauge and prevent the accumulation of sediment and easy to clean the occasion.
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Others				
Double side PP Gauge	Plateau pressure gauge	Duplex pressure gauge	SS differential pressure gauge	Capsule pressure gauge
				
Digital Pressure Gauge				
Model and Picture				
YK-120B	YK-100B	YK-100	YK-80	



Main features and Application

- large-screen LCD display, high resolution, ignoring the error.
- Smart calibration, linear repair, micro-power, high accuracy
- mmH₂O mmHg psi kPa MPa Pa mbar bar Up to ten pressure units (optional)
- High-capacity high-performance lithium battery-powered

PRESSURE TRANSMITTER

PRESSURE TRANSMITTER

A pressure transmitter is a device that converts pressure into a pneumatic signal or an electric signal for control and remote transmission

Type	Picture	Parameter	Models	Main Features and Application
Common pressure transmitter		1. Pressure range: -0.1-100Mpa 2. Output: 4-20mA 2 wire, 0-10V, 0-5V, 1-5V 3 wire, RS485 3. Power: 10-30VDC 4. Thread: 1/2npt, custom 5. Accuracy: 0.25% 6. Electrical interface: Aviation plug, Big din, Direct wire	YD31	• Competitive price • high temperature resistant • corrosion resistance • thread can customized • Process control system • compressor • Building Water supply, Air conditioner, Automotive engine, Refrigerator
Digital pressure transmitter		1. Pressure range: -0.1-100Mpa 2. Output: 4-20mA 2 wire, 3. Power: 10-30VDC 4. Thread: 1/2npt, custom 5. Accuracy: 0.25% 6. With display	YD32	

Flush diaphragm pressure transmitter		1.Pressure range:0-10Mpa 2.Output:4-20mA 2 wire, 0-10V,0-5V,1-5V 3 wire ,RS485 3.Power:10-30VDC 4.Thread:G1/2npt 5.Accuracy:0.25%	YD33	●Aspects of mechanical engineering applications, such as polyurethane equipment ●Medical applications such as pharmaceutical and other ●Food Machinery and beverage processing industry ●General industrial control field, such as paper, paint, etc.
Clamp sanitary pressure transmitter		1.Pressure range:0-10Mpa 2.Output:4-20mA 2 wire, 0-10V,0-5V,1-5V 3 wire ,RS485 3.Power:10-30VDC 4.Thread:50.5mm clamp 5.Accuracy:0.25%	YD34	
Mini pressure sensor		1.Pressure range:-0.1-40Mpa 2.Output:4-20mA 2 wire, 0.5-4.5V 0-10V,0-5V,1-5V 3 wire 3.Power:5V,10-30VDC 4.Thread:G1/4,custom 5.Accuracy:1%	YD35	● Brass or stainless steel material ● application for Air compressor,sprayer, water pump controller, water heaters,water supply system, hydraulic system

Small pressure transmitter		1. Pressure range: -0.1-100Mpa 2. Output: 4-20mA 2 wire, 0-10V, 0-5V, 1-5V 3 wire 3. Power: 10-30VDC 4. Thread: G1/4, custom 5. Accuracy: 1%	YD36	• high performance • high reliability and stability, • piezoresistive pressure sensor • -1~10KPa...100MPa gauge/absolute, • thread can customized • process control system, refrigeration system, air compressor, Mechanical engineering applications, Medical and health applications, Food and beverage processing industry
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High temperature pressure transmitter		1. Pressure range: -0.1-100Mpa 2. Output: 4-20mA 2 wire, 0-10V, 0-5V, 1-5V 3 wire 3. Power: 10-30VDC 4. Thread: G1/4, custom 5. Temperature: -40-150C	YD37	
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High temperature melt pressure transmitter		1.Pressure range:-0.1-100Mpa 2.Output:4-20mA 2 wire, 0-10V,0-5V,1-5V 3 wire 3.Power:10-30VDC 4.Thread:1/2-20UNF ,custom 5.Temperature:-40-300C	YD38	● Petrochemical, chemical fiber textile machinery, non-woven fabrics, non-woven fabrics, plastics, rubber, extrusion equipment and other industries
Differential pressure transducer		1.Range : 0~20Kpa.....35Kpa...~2MPa 2.Medium :Liquids or gases compatible with 316LSS 3.Proof pressure: 1.5X rated range or 7MPa(Which ever is less) 4.Accuracy : $\pm 0.25\%$(Typical) $\pm 0.5\%$(Max.)	YD39	● Compatible with 316LSS,noncorrosive gases & liquids ● Wind pressure & velocity of flow in industry process ● Measuring pressure of pipeline & firepot ● Petroleum industry, chemical industry ● Meteorological monitoring

		5.Static pressure: 5X rated range or 7MPa which ever is less		
Digital differential pressure transmitter			UC800D	
Digital differential pressure transducer			YD40	/

Wind pressure transmitter		1.Range $0 \sim \pm 100, 250, 500, 750, 1000 \text{ Pa}$ $0 \sim \pm 1000, 2500, 5000, 7500, 10000 \text{ Pa}$ 2.Accuracy: $\pm 0.5\% \text{ FS}$ 3.Unit: Pa, mmH₂O, mbar, inWG, mmHG, daPa, KPa, hPa 4.Outlet signal: $4 \sim 20 \text{ mA}$ or $0 \sim 10 \text{ Vdc}$ (2 wire) 5.Power: $16 \sim 30 \text{ Vdc/Vac}$ (2 wire)	FM 113	• application for clean and dry air • range: $0 \sim \pm 10 \text{ Pa}$ / $0 \sim \pm 10,000 \text{ Pa}$ • accuracy: $\pm 1.0\%$ • supply Voltage: $16 \sim 30 \text{ VAC/VDC}$ (2wire) • output signal: $0 \sim 5 \text{ VDC}$, $0 \sim 10 \text{ VDC}$, $4 \sim 20 \text{ mA}$ both 2- wire and 3-wire available • selectable pressure measuring unit • LCD backlit digital display or without display • auto zero point when power on
Digital Micro differential pressure transmitter		24Vdc adaptor power supply 220Vac	FM 112	• selectable response time field adjustable from $20 \text{ ms} \sim 2 \text{ s}$ • manual zero point push button • easy installation

Micro differential pressure transmitter			FM 108	/
2088 Type		1. Pressure range: 0 ~ 40MPa 2. Output: 4 - 20mA HART protocol communication 3. Power: DC 24V, 12 ~ 36VDC, 18.5 ~ 220VDC, AC 50HZ, 45V 4. Accuracy: 0.1%F.S; 0.2%F.S; 0.5%F.S 5. Medium: compatible with 316LSS, noncorrosive liquids,	UC800A	• shipping and aviation industry, hydraulic pressure and pneumatic control system, Petroleum industry, chemical industry, electric power, metallurgy, hydrology etc.
Differential pressure transmitter		1. Accuracy: $\pm 0.075\%$, $\pm 0.1\%$, $\pm 0.2\%$ F.S 2. Stability: $\leq 0.2\%$ 3. Standard 4 ~ 20mA, RS-485	UC800	• single crystal resonant silicon sensor or Capacitive sensor technology • super performance, use to measure pressure • Compatible with 316LSS • noncorrosive liquids, Shipping and aviation industry, Hydraulic pressure and pneumatic control system, Apply in Petroleum industry, chemical industry, electric power, metallurgy, hydrology etc.

Single Flange Differential pressure transmitter		1.Differential: 0-6.2-690KPa Hydrostatic: 2.5MPa 2.Stability: $\leq 0.2\%$ 3.Standard 4~20mA,RS-485	UC800L1	/
Double Flange Differential pressure transmitter			UC800L2	/

Pressure switch		Digital pressure switch	YD41	Range: 0-60mpa Power: 24VDC/220VAC/380VAC Thread: M20*1.5, G1/2, G1/4
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			Smart pressure switch	YD42	Range: -0.1~0~100Mpa Power: 24V $\pm$ 20%
			Mechanical pressure switch	F70 series	Material: SS or brass Max pressure: 450bar Thread: 1/8, 1/4, 1/2 (G/NPT)

PRESSURE CALIBRATOR

PRESSURE_{TT} / PRESSURE CALIBRATOR_{TRANSMITTER}

It's showed with features of hand operation, pneumatic, hydraulic, electrical, dead weight types for pressure calibrator application.

Type	Picture	Parameter	Model	Main Features and Application
Pneumatic Pressure Hand Pump		0~1.6MPa Pneumatic	Y039	- hand pressure pump is the handle, the piston rod. Through gas, pump cover, put the oil - hand, fine-tuning hand, form joint, etc. • rotation. - portable - light weight - suppression of light - easy to use Structural design pressure finetuning hand, Rotate the fine-tuning hand can easily change the output pressure. Also comes with a highpressure hose connection is timing, Meter connector connect pressure gauge.
		-0.1-0Mpa Vacuum	Y061	
		-0.1-1.6Mpa Pneumatic	YFP-16	
		-0.1-2.0Mpa Pneumatic	YFP-20	
		-0.1-2.5Mpa	YFP-25	
Hydraulic Pressure Hand Pump		0-25Mpa Hydraulic	Y060	

		0-60Mpa Hydraulic	XYSB60	
Hydraulic Pressure Calibrator		Portable Hydraulic Pressure calibrator	XY-2006B	• Create pressure range: (-0.09 ~ 0 ~ 60) MPa • Dimension: 290mm × 150mm × 110mm • Fine adjustment: 10kPa
		Desk-top Hydraulic Pressure Calibration Pumps	XY-2003	• Pressure range : 0-60 MPa,0-100 MPa,0-160 MPa, 0-250 MPa • Minimum adjustment range: 0.1KPa, 0.2KPa, 0.3KPa • Medium:oil or water

Pneumatic Pressure Calibrator		Portable Pneumatic Pressure calibrator	XY-2006A	• Create pressure range: (-0.1 ~ 0 ~ 6) MPa • Dimension: 270mm x 150mm x 150mm • Fine adjustment: 0.1kPa • Weight: less than 2kg
		Desk-top Pneumatic Pressure Calibration Pumps	XY-2002	• Create pressure range: (-0.095 ~ 10) MPa. • Selection: XY-2002a (-0.095 ~ 4) MPa XY-2002b (-0.095 ~ 6) MPa XY-2002c (-0.095 ~ 10) MPa • Minimum controllable adjustment degree: 10Pa • Output Interface: M20 x 1.5 (three) • Dimension: 300mm x 300mm x 150mm • Weight: 10kg
				

Pressure Gauge calibrator		Pressure gauge calibration machine	XY-6 XY60	• XY-6:-0.082-6Mpa; XY-60:0-60Mpa • Connector:M20×1.5(M14×1.5) • The minimum adjustable range: 0.1Mpa • Volume: 350 * 230 * 180mm • Weight: 15kg
		Pressure gauge calibration machine	XYL-6 XYL-40 XYL-60	• Model: XYL-6 XYL-40 XYL-60 • Pressure range: -0.082-6MPa 0-40MPa 0-60MPa • Threaded interface: M20 * 1.5 quick connector 3 • Medium: Transformer oil or non-corrosive oil • Weight: 30 kg
		Dual use for pressure gauge and oxygen gauge	XY-40S XY-60S	• XY-40S 0~40Mpa; XY-60S 0~60Mpa • Dimensions: 470x320x298 • Working medium: clean water and transformer oil
Micro pressure calibrator		Micro Pneumatic Pressure Calibrator	XY-2001A	• Pressure range: (-50-50) kPa • Minimum controllable adjustment degree: 0.01Pa • Dimensions: 270mm × 210mm × 100mm • Weight: 2.6kg

		Micro Pneumatic Pressure Calibrator	XY-2001B	• Pressure range: (-100-600) kPa • Minimum controllable adjustment degree: 0.1Pa • Dimensions: 300mm × 220mm × 120mm • Weight: 2.6kg
Digital Pressure calibrator		Digital Pressure calibrator	XY-2000	• Pressure Range:-90Kpa-2.5Mpa (stall) • Resolution: Pressure: Min1Pa current Min1μA • Current measurement range :0-22mA • DC Output: 24V DCD • Accuracy: Pressure: 0.1% F • S 0.05% F • S current: 0.05% ± 1d
		Desk top pressure calibrator	YK-121	• Pressure measurement range: -0.1 ~ 0 ~ 100MPa • Accuracy class: 0.1 , 0.05 • Power supply: dual power supply, internal • battery-powered or special adapter power supply, with a dedicated fast charger • Display: 4.7 inch large LCD screen display, more intuitive (iPhone 6 screen size)

Hart Communicator		China made Hart 475 communicator	475	Could instead the Emerson .
Electrical Pressure Calibrator		Electrical Vacuum Pressure Calibrator	XY-2009B	• Work Condition: Field or Laboratory • Pressure Range: -0.1~0MPa • Expanding Pressure Range: -0.95-0.6MPa • Fine Adjustment: 1KPa • Medium :Non polluting and non corrosive gas • Features Reliable, labor saving, stable and high pressure, high pressure making efficiency • Connection: M20*1.5(3pcs)

Dead Weight Tester / PRESSURE TRANSMITTER

		Electrical Pneumatic Pressure Calibrator	XY-4001	• Work Condition:Field or Laboratory • Pressure:0~3MPa • Expanding range:0~6MPa • Fine Adjustment:1KPa • Medium:Non polluting and non corrosive gas • labor saving, high pressure making efficiency, durable, nearly no leak
Pressure		Electrical Hydraulic Pressure Calibrator	XY-2009C	• Range:0~60MPa • Expand range0.1-0.6MPa • Fine adjustment:1kpa • Medium:Hydraulic oil, castor oil • Thread:M20*1.5(3pcs) • Dimension:340×290×330 mm • Weight:25KG
Dead Weight Tester				

Type	Picture	Product Name	Model and pressure	Main Features and Application
551series		Pressure balance	551-1 5~250bar 551-2 10-600bar 5-600bar 551-3 10~250bar	• LED display • real-time printing pressure numerical value • curve, high intelligent degree • sensitivity and precision
YS series		YS series Dead Weight Tester	YS-6 0.04~0.6MPa. YS60 0.1~6MPa. YS250 0.5~25MPa. YS600 1~60MPa.	• high sensitivity • rotation of the piston is more stable • use displacement sensor monitoring • sensitive, smart, accurate
JQ series		JQ series Dead Weight Tester	JQ-0.6 0.04~0.6MPa JQ-6 0.1~6MPa JQ-25 0.5~25MPa JQ-60 1~60MPa JQ-100 1~100MPa	• high performance, sturdy and durable, piston system break proof mechanism • modular design, light displacement indication, electric pre pressurization system • used for detecting digital pressure gauge, precision pressure gauge and pressure transmitter

KY series		KY series Dead Weight Tester	KY-2.5: -0.1-0.25Mpa -0.1-0.4Mpa -0.1-0.6Mpa KY-0.6: 0.04-0.6Mpa KY-6: 0.1-6Mpa KY-25: 0.5-25Mpa KY-60: 1-60Mpa KY-100: 1-100 MPa KY-250: 5-250Mpa	- working environment temperature is wide - stable performance of $20\pm 5^{\circ}\text{C}$ - The load center of gravity is low, so the piston runs smoothly and the pressure fluctuation is very small; the instrument display has the advantages of sensitive, eye-catching, accurate and so on. - Verification of digital pressure gauge, precision pressure gauge, pressure transmitter, pressure sensor and other instruments.
DK series		DK series Dead Weight tester	DK2025:0.1-0.25MPa DK2060:0.1-6MPa DK2600:1-60MPa DK2100:2-100 MPa	- super wear-resistant - strong stability - DK series piston pressure gauge the precision of 0.005% - range up to 160 mpa - adopting modular structure - detecting digital pressure gauge, precision pressure gauge and pressure transmitter
Double piston		Double piston Dead Weight Tester	.Accuracy: 0.05% ,0.02% and 0.005%	- optional with digital display function - temperature, displacement - center of gravity is low, the stability is excellent - certificate of verification of Northwest measuring and Testing Center

JY series		JY series dead weight tester	JY-2.5: -0.1-0.25Mpa -0.1-0.4Mpa -0.1-0.6Mpa JY-0.6: 0.04-0.6Mpa JY-6: 0.1-6Mpa JY-25: 0.5-25Mpa JY-60: 1-60Mpa JY-100: 1-100 Mpa JY-250: 5-250Mpa	•The omni-directional oil discharge system has oil discharge pipes under the piston system and below the output interface. •The piston cylinder adopts a self-sealing system, and the sealing ring can guarantee 30000 cycles without pressure leakage. •The piston is equipped with a pre-pressing device to make the pressure easier •Piston pressure gauges have pre-pressurization devices but no pre-pressurization to close the valve.
Floating ball type		Floating Ball Dead Weight Tester	Y-047: 0.001~0.25Mpa Y-055: 0.005~0.6 Mpa	• accuracy: 0.05% • pressure source: Nitrogen or instrument/shop air • used for the measurement of room, laboratory and production

17 / PRESSURE CALIBRATOR

JYB		JY series Vacuum Dead weight tester	JYB-0.25 -0.005~-0.1 0.005~0.25 JYB-0.6 0.005~-0.1 0.005~0.6	• easy to install • no leakage, electric pressure, light and durable, verification certificate • accurate pressure gauges, pressure transmitters and pressure sensors are detected. They can be used as piston type pressure gauges for transmission. They can also be used in high precision testing
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FKQ series		FKQ gas dead weight tester	FKQ-0.25 -0.1~0.25 FKQ-0.6 -0.1~0.6	• pressure stability • high sensitivity • long service life • optional temperature, pressure, drop, digital indicator system, positive and negative pressure switching • used as a calibrating piston type pressure gauge and can also be used for high precision testing
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PRESSURE REGULATOR

PRESSURE REGULATOR

Mainly for reducing pressure application.

Type	Picture	Product Name	Model	Main Features and Application
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Back pressure regulator		Back pressure regulator	YR 32 Series	It's a normally-closed valve installed at the END of a piping system to provide an obstruction to flow and thereby regulate upstream (back) pressure. The back pressure regulator is called upon to provide pressure in order to draw fluid off the system. • Inlet pressure: 0-10000 psi • Safety testing pressure: 1.5 times of maximum inlet pressure • O-ring seal: Viton material • With one gauge or without gauge • Laboratory, Gas analysis test, Fluid control, Petrochemical industry, Test Equipment
Pressure regulator		Pressure reducing valve	YR31 Series	It's a normally-open valve and is installed at the START of a system or before pressure sensitive equipment to regulate or reduce undesirable higher upstream pressure. • Inlet pressure: 0-10000psi • Outlet pressure: 0-6000psi • With two gauges or without gauge • Laboratory, Gas chromatograph, Gas lasers, Gas bus, Petrochemical industry, Test Equipment

Safety valve		Safety valve	YR40	• Nominal diameter: DN6-DN32; • Connection method: welded type; thread • Working temperature: normal temperature; • Opening pressure: 6.4MPa~42MPa; • Valve material: 304SS, 316SS, 316L;
Check valve		Non return check valve	YR39	• Nominal pressure: 16.0MPa, 32.0MPa, 42.0MPa; • Body material: 304SS, 316SS, 316L, Hastelloy, etc. ; • Working temperature: - 40℃- 220℃; • Connection method: various connection methods can be processed according to requirements: card sleeve type, internal thread, external thread, welding type;

Ball valve		2 way ball valve	YR37	•Material: stainless steel •Max Pressure range: 1500psi •Connection size: 1/8-3/4 •Connection method: various connection methods can be processed according to requirements: card sleeve type, internal thread, external thread, welding type;
				•Max pressure: 8000psi; •Nominal diameter: DW6—DW14; •Working temperature: normal temperature; •Applicable medium: oil, water, gas and other non-corrosive or corrosive media; •Materials: 304SS, 316SS, 316L. •Connection method: various connection methods can be processed according to requirements: card sleeve type, internal thread, external thread, welding type;

3 way ball valve		3 way ball valve	YR38	•Material: stainless steel •Max Pressure: 1500psi •Connection size: 1/8-3/4 •Connection method: various connection methods can be processed according to requirements: card sleeve type, internal thread, external thread, welding type;
				•Max pressure: 8000psi; •Nominal diameter: DW6—DW14; •Working temperature: normal temperature; •Applicable medium: oil, water, gas and other non-corrosive or corrosive media; •Materials: 304SS, 316SS, 316L. •Connection method: various connection methods can be processed according to requirements: card sleeve type, internal thread, external thread, welding type;

Micro metering needle valve		Micro metering needle valve	YR35	•Material: 304,316,316L Stainless steel •Medium: Liquid,gas •Max working pressure: 8000psi •Working temperature range: -23°C to 204°C (-10°F to 400°F). •Connection: Thread or ferrule •Nominal diameter: DN2-DN5 (mm)
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Needle valve		Needle valve	YR36	•Nominal pressure: 6.4MPa—60.0MPa; •Nominal diameter: DN6—DN50; •Body material: 304SS, 316SS, 316L, Hastelloy; •Connection method: card sleeve type, internal thread, external thread, welding type; •Working temperature: normal temperature, high temperature. •Sealing material: PTFE seal, copper seal,;
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3 Way valve manifold		valve manifold	YR34	• Thread: NPT,PT,BSPT, instrumentation valve • MTL:SS316/304 • MEDIUM:OIL/GAS/WATER • Size1/8"-2"O.D • Test pressure: 42Mpa
2 Way valve manifold		valve manifold	YR33	• Material:SS316/304 • Medium:OIL/GAS/WATER • Size1/8"-2"O.D • Test pressure: 42Mpa

LEVEL METER

LEVEL METER

Commonly used to measure the liquid or solid level in a tank.

Type	Picture	Product Name	Model	Main Features and Application
Liquid level sensor		Submersible liquid level sensor	YD322-A	• Measurement Range:0-1-200m H2O • Output signal:4-20mA (2/3 wire), 0-10/20mA 0-5V, 1-5V, 0-10V, RS485 • Working temperature:-20 to 80℃ • Supply power:9-36VDC (Standard 24VDC) • Cable material: PE, PU, PTFE
		Steel ruler level sensor	YD322-R	• Measurement Range: 0-500m • Minimum reading(mm):1.0 • Repeatability error (mm): ± 2.0 • Operating voltage (V): 9

Non-contact type		Radar level meter	YD322-C	• Range:30m • Ground terminal Stainless steel • Storage Temperature:-40 to 80℃ -40 to 130℃ -60 to 250℃ • Accuracy : ±3mm • Pressure:-0.1-4Mpa • Output signal 4-20mA ,hart,modbus • Supply power 2 wire 24VDC 4 wire 24VDC AC220V
Non-contact type		Ultrasonic level gauge	YD322-D	• Range:3 ~ 20m • Blind:0.25 ~ 0.8m • Accuracy (in air):0.2% (full scale) • Display resolution:0.01m • Current output:4 ~ 20mA • Output Resolution:0.03% of the actual range • Temperature range:-40-- +70 Degrees Celsius • Pressure range:0.04Mp special general 0.5Mp

		Small range level meter	YD322-E	• Sense range : 0~8M • Unusable area: 60-300mm • Output: 4~20mA or RS485 • Frequency: 20~350KHz (difference type) • Work temperature: -10~65℃ • Wore pressure: normal • Dimension: Φ55mm×119mm× G1 1/2 • Installation: G1 1/2 pipe thread or Φ47mm hole • Work voltage : DC24V • Power consumption: <1W
		Split type level meter	YD322-F	• Range: 3m、5m、8m、10m、12m、15m、20m、25m、30m • Blind area: <0.3m-1.5m • Accuracy: ±0.25%F.S • Display: L C D • Resolution: 1mm • Keyboard: 16 key • Output(optional): 4~20mA (standard) 、0~20mA、1~5V、0~5V、RS485、HART4 relays (Contact capacity AC:5A 250V DC:10A 120V) • Consumption: <3W • Material: ABS、

Magnetic flap		Magnetic flap level indicator	UHZ Series	• range (mm): 300 ~ 19000 • medium density (g/cm³): ≥ 0.453, medium viscosity: ≤ 0.02Pa.S • the working temperature ℃: -180 ~ 350 • the pressure levels (MPa): ≤ 32 • the measurement accuracy (mm): ≤ ± 10 • Installation: Side-mounted, roof-mounted, bottom-mounted • Protection: IP65 • proof grade: ib II CT4 (intrinsically safe), d II BT3 (flameproof) • transmission: 4 ~ 20mA or switch • the interface flange: PN2.5DN25HG20592 (side-mounted)
Non-contact type		Metal type Ultrasonic level meter	YD322-G	• Detection range: 15cm - 200cm; • Blind: 15cm; • Accuracy: <3mm; • Transducer frequency: 180Khz; • Transducers emitting angle: 14 degrees; • Operating voltage: 12v or 24v; • Operating current: less than 50mA; • Output current :4 - 20mA (corresponding to 15-200cm) • Shape: 30mm diameter threaded pipe, length 80mm

Oil level sensor		Oil level sensor	YD323	•Material: SUS316 or SUS304 (optional) •Length range: 100~3500mm optional •Output signal:0~20mA, 4~20mA,0~190Ω, 240~33Ω, 0.5~4.5VDC, 0-5VDC •Signal accuracy spacing:5mm, 8mm, 10mm, 12mm, 16mm, 21mm •Rated power:125mW •Alarm switch rated current:500mA
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FLOW METER

Used to measure fluid flow in a pipe or open channel.

Type	Picture	Product Name	Model	Main Features and Application
Electromagnetic		Electromagnetic flow meter	ZFG series	•Nominal diameter (mm) Pipeline PTFE lining: DN10 ~ DN600 Pipeline rubber lining: DN40 ~ DN1200 •Flow direction: positive, negative, net flow •Range ratio: 150: 1 •Repeatability error: $\pm 0.1\%$ of the measured value •Accuracy class: Pipeline: 0.5 level, 1.0 level •Flow rate range: 0.1-15m / s •Conductivity range: measured fluid conductivity $\geq 5 \mu s / cm$

Vortex		Vortex Flow meter	LUGB series	• Nominal passage (mm) 15, 20, 25, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300 • Instrument Materials: L1Cr18Ni9Ti • Nominal pressure (Mpa): PN1.6Mpa; PN2.5Mpa; PN4.0Mpa • Measured medium temperature (°C) • Pressure 86 ~ 106Kpa • Accuracy class Measuring liquid: ± 0.5 of indication Measuring gas or steam: Indication of ± 1.0, ± 1.5 • Range ratio: 1:10; 1: 15 • Output signal: optional 4-20mA or pulse
Turbine		Turbine flow meter	LWQ series	• DN size: Thread connection: 4,6,10,15,20,25,32,40; Flange connection: (15,20,25,32,40) 50,65,80,100,125,150,200; Insert type: 200 or more; • Range ratio: 1:10; 1:15; 1:20; • Instrument Material: 304,316 • Relative humidity: 5% ~ 9%; • Atmospheric pressure: 86 ~ 106Kpa; •Protection class: IP65, IP67.

ultrasonic		Fixed type ultrasonic flow meter	TUF-2000W series	•Accuracy :≤1% •Velocity range: 0~±10m/s, Bi-directional measurement •Pipe size: DN25~DN6000mm •Temperature: -30~160℃ •Pipe material: Steel, stainless steel, cast iron, copper, PVC, aluminum •Interface: RS485, support MODBUS •Power supply DC8~36V or AC85~264V
ultrasonic		Portable ultrasonic flow meter	TUC-2000H	• High accuracy • Wide measuring range • Large capacity battery • Built-in printer, Built-in data logger • RS485 communication interface • Multiple input and output signals • used in tap water, heating, water conservancy, metallurgy, chemical industry, machinery, energy, etc. Also can be used for production of water, balance debugging, debugging, network monitoring, energy saving monitoring.

PD type flow meter		Oval gear flow meter	LC series	• Widely used in a variety of oils and cast iron non-corrosive liquid medium measurement; • For high pressure, low corrosive media measurement; • For the corrosive liquid medium, such as acid, alkali, salt and organic compounds, such as the measurement;
Metal tube rotor flow meter		Metal tube rotor flow meter	LZ series	• Flow range Water 2.5 l/h to 200 m³/h Air 0.07 to 4500m³/h (201.013bar) • Flow span 10:1 • Accuracy Standard accuracy: 1.5% High accuracy: 1.0% Standard accuracy (PTFE-Liner): 2.5% High accuracy (PTFE-Liner): 1.5% • Connections Flange connection Standard: DIN2501DN15-DN200) Special: DIN2512DN15-DN200

Metal tube rotor flow meter		Metal tube rotor flow meter	LZ series	ANSI1/2-8 The GB JIS users needs Threaded fittings DIN11851SC40-SC80[1-1/2-3] According to demands of users
Mass flow meter		Air mass flow meter	MF5700	●Measuring range (0~20L/min,0~100L/min 0~200L/min ●Accuracy:± (2+0.5FS)% ●Repeatability:0.50% ●Output way:4-20mA , ●Display mode:LCD

	Air mass flow meter	MF5600	● Measuring range 0.2~200L/min, 0.2~300L/min (DN12) 0.8~600L/min, 0.8~800L/min (DN19) ● Accuracy: $\pm (1.5 + 0.2FS)\%$ ● Pressure 1Mpa ● Output way: 4-20mA ,
	Air mass flow meter	MF4000	DN: 3mm, 8mm Flow rate: 0~2, 3, 4, 5L/M 0~10, 20, 30, 40, 50L/M
	Air mass flow meter	MF4600	Flow rate: 0~100, 200, 500sccm 0~1, 2, 5M/L 0~20, 20, 50M/L Connection: NPT or BSPT

		Air mass flow meter	MF5000	DN: 3mm,6mm,8mm,12mm,19mm Flow rate: 0.15~15L/M 0.5~50L/M 1.2~120L/M 3~300L/M 8~800L/M
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TEMPERATURE METER

TEMPERATURE METER

For temperature measurement.

Type	Picture	Product Name	Model	Main Features and Application
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Insert Type		Bimetallic thermometer	WSS	•Dial diameter: $\Phi 60\text{mm}$, $\Phi 100\text{mm}$, $\Phi 150\text{mm}$ •Interface size: M27x2 or customized •Measuring range: -40-600 degrees •Installation form: bottom or back or common type •Accuracy rating: 1.5
		Temperature transducer	YDK322-F	•Measuring media: liquid, gas •Measuring range: -50-300 °C •Power supply range: 9 ~ 36VDC •Output signal: 4 ~ 20mA, 0-5VDC, 0-10 •Probe material: stainless steel •Accuracy class: ± 0.5 °C •Ambient temperature: -40 ~ 85 °C •Stability: $\pm 0.1\%$ FS / Year •Protection: IP65

Insert Type		Temperature transmitter	2088	•Measuring media: liquid, gas •Measuring range: -200-500 °C •Power supply range: 24VDC •Output signal: 4 ~ 20mA, •Probe material: stainless steel 304 •Accuracy class: ± 0.5 °C •Ambient temperature: -40 ~ 85 °C •Stability: $\pm 0.1\%$ FS / Year •Protection: IP65
Calibrator		General Dry block temperature calibrator		•Model: W150, W600, W1000 •Temperature range: -20~150°C, 50~600°C, 300~1000°C

		Touch screen Dry block temperature calibrator	•Model: W150T, W600T, W1000T •Temperature range: -30~150℃,-20~150℃, 50~600℃,300~1200℃
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DENSITY METER

Type	Picture	Product Name	Model	Main Features and Application
			XY-886	•Range:0 – 3g/cm³ (0 – 3000 kg/m³) •Accuracy:±0.001g /cc (±1 kg/m³) •Operating temperature:-50℃ ~ +200℃ •Max work temperature:20MPa •Fluid viscosity range:0 – 20000 cP •Power supply:20 – 28 VDC,35 – 45 mA •Analog signal output:4-20 mA
Tuning fork		Tuning fork density meter		

DENSITY METERT

- R & D team with 20 staff keeps good and long term relationship with laboratories, colleges and universities
- production line including main electrical circuit design, assembling, and mechanical procession
- strict management to protect intellectual property safe

Key Benefits

- **satisfy customized requirement**
- **lower R & D time and cost**