

压力表出口系列

Pressure gauge export series

			
名 称 Name	一般压力表 General pressure gauge	充油压力表 Liquid-filled pressure gauge	冷煤表 Refrigeration gauge
应用说明 Application description	测量对铜及铜合金无腐蚀性作用的气体、液体等介质的压力。 It measures pressure for gas, liquid etc media which has no corrosiv effects on copper,copper alloy.	用于被测介质的压力有强烈的脉冲及环境有较大震动的场合。 It is applicable for measured media pressure with strong pulse and big vibration environmental occasions.	测量不同种类冷冻系统的压力。 It is applied for refrigeration systems.
精确度等级 Accuracy class	$\pm 1.6\%$, $\pm 2.5\%$	$\pm 1.6\%$, $\pm 2.5\%$	$\pm 1.6\%$
测量范围 Scale range	-1~0 to -1~24kg/cm ² 0~1 to 600 kg/cm ²	76cm Hg to 600kg/cm ²	30 in Hg to 500 psi 76cm Hg to 35 kg/cm ²
外形尺寸 Nominal size	2" ;2 1/2" ;3" ;4" ;6"	1 1/2" ;2" ;2 1/2" ;3" ;4"	2.4" ;2 1/2" ;2.6" ;3 1/2"
壳体 Case	钢、塑料、不锈钢 Steel,plastic,stainless steel	钢、不锈钢 Steel,stainless steel	钢、塑料、不锈钢 Steel,plastic,stainless steel
机芯 Movement	黄铜 Brass	黄铜 Brass	黄铜 Brass
波登管 Bourdon tube	磷青铜 Phosphor bronze	磷青铜 Phosphor bronze	磷青铜 Phosphor bronze
使用温度 Working temperature	- 40 to 70℃	- 25 to 55℃	- 40 to 70℃
连接螺纹 Connection thread	1/4" ;3/8;1/2" PT;NPT	1/4" ;3/8;1/2" PT;NPT	7/16" UNF;1/8" NPT
安装型式 Mounting pattern	径向、轴向 Low mount,back mount	径向、轴向 Low mount,back mount	径向 Low mount

本企业可接受用户对仪表有特殊要求的订货。

This enterprise may accept consumers order with special requirement for instrument & meter.



名 称 Name	卡子式压力表 U-clamp pressure gauge	氨压力表 Ammonia pressure gauge	不锈钢压力表 Stainless steel pressure gauge
应用说明 Application description	测量对铜及铜合金无腐蚀性作用的气体、液体等介质的压力。现场卡子式直接安装。 It can be applied for gaseous or liquid media that will not corrode copper or copper alloy parts. Installation with U-clamp can be done on site.	测量对铜及合金无腐蚀性作用的氨气及混合气体等介质的压力。 It can be applied for ammonia or its mixed gas that will not corrode steel or steel alloy.	用于测量有腐蚀性介质的压力及环境较恶劣的场合。 It can be applied for corrosive media under harsh conditions.
精确度等级 Accuracy class	$\pm 1.6\%$, $\pm 2.5\%$	$\pm 2.5\%$	$\pm 1.6\%$
测量范围 Scale range	0~1 to 600kg/cm ²	0~1 to 600kg/cm ²	76cm Hg to 600kg/cm ²
外形尺寸 Nominal size	1 1/2" ;2" ;2 1/2" ;3" 4"	2 1/2"	2 1/2" ;3" ;4"
壳体 Case	钢、不锈钢 Steel, stainless steel	钢、塑料 Steel, plastic	不锈钢 Stainless steel
机芯 Movement	黄铜 Brass	不锈钢 Stainless steel	不锈钢 Stainless steel
波登管 Bourdon tube	磷青铜 Phosphor bronze	不锈钢 Stainless steel	316L 不锈钢 Stainless steel
使用温度 Working temperature	- 40 to 70°C	- 40 to 70°C	- 40 to 100°C
连接螺纹 Connection thread	1/8" ;1/4" NPT	1/8" ;1/4" NPT	1/4" ;3/8" 1/2" PT;NPT
安装型式 Mounting pattern	轴向卡子式 U-clamp	径向 Low mount	径向、轴向 Low mount, back mount

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Y 系列一般压力表

Y series general pressure gauge



Y-60Z



Y-150ZT



Z-100



Y-40



Y-60



Y-100



Y-150



Y-200

用途说明 Application Description

一般压力表适用于测量无爆炸危险、不结晶、不凝固及对铜及铜合金不起腐蚀性作用的液体、蒸气和气体等介质的压力。

General pressure gauge can be applied for gaseous or liquid media that will not explode, crystal-lise or freeze, and corrode copper or copper alloy.

主要技术指标 Main Technical Data

◇ 测量范围、精确度等级

Scale range and accuracy class

型号 Model	Y-40	Y-60 Y-60Z Y-60T Y-60ZT	Y-100 Y-100Z Y-100T Y-100ZT	Y-150 Y-150Z Y-150T Y-150ZT	Y-200 Y-250
精确度等级 Accuracy class	2.5			1.6	
测量范围 Mpa Scale range	0.1~25	0.1~100			0~250
YZ、Z	-0.1~0,0.06,0.15,0.3,0.5,0.9,1.5,2,4				

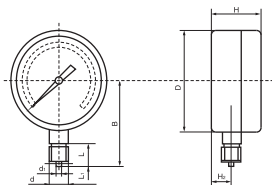
◇ 使用环境条件: -40~70℃, 相对湿度不大于85%。

◇ 温度影响: 使用温度偏离20±5℃时, 不大于0.4%/10℃。

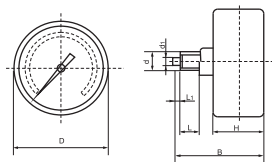
◇ Environmental condition: -40℃~70℃, relative humidity is no more than 85%.

◇ Temperature effect: when environmental temperature deviates from 20±5℃, additional error is no more than 0.4%/10℃.

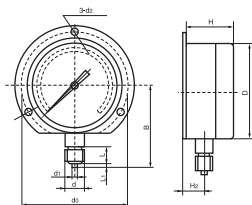
外形尺寸 Dimensions



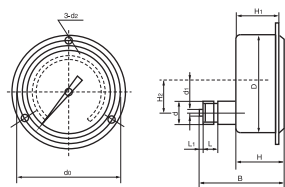
• Y-40、Y-60、Y-100、Y-150、Y-200、Y-250



• Y-40Z、Y-60Z、Y-100Z、Y-150Z



• Y-60T、Y-100T、Y-150T



• Y-60ZT、Y-100ZT、Y-150ZT

单位(Unit): mm

型号 Model	D	d	d1	L	d0	B	H	d2	H1	H2	L1
Y-40	Φ40	M10×1	Φ2.5	10		38	24			8.5	2
Y-40Z						40	24			0	
Y-60						56	30			12	
Y-60Z	Φ60	M14×1.5 or M10×1	Φ5	14	72	58	30			0	
Y-60T						56	30	Φ4.5		13	
Y-60ZT						53	30	Φ4.5	24	0	
Y-100	Φ100					90	44			18	
Y-100Z					118	85	44			30	
Y-100T						90	45	Φ5.5		18	
Y-100ZT						85	44	Φ5.5	39	30	
Y-150	Φ150	M20×1.5	Φ6	20		115	48			18	
Y-150Z					165	92	47			30	
Y-150T						115	48	Φ5.5		18	
Y-150ZT						92	47	Φ5.5	41	30	
Y-200						146	50			18	
Y-250	Φ250					167	50			18	

Y系列1.0级压力表

Y series 1.0 accuracy class pressure gauge

产品概述 Product Overview

1.0级一般压力表适用于测量无爆炸危险、不结晶、不凝固及对铜和铜合金不起腐蚀作用的液体、蒸汽和气体等介质的压力。

该仪表采用旋入式外壳，标准铜棒制作的接头，加宽的弹簧管和全钢反装机芯，并加大了连接杆的强度，所有紧固件均采用不锈钢螺丝。校准和检验过程采用国际先进的设备和工艺以保证产品的精度，该表外观精美，示值精度高，轻敲位移小，重复性能好，使用寿命长。

Y series 1.0 accuracy class pressure gauge can be applied for those gaseous, liquid or vaporous media which don't explode, crystallize and freeze, and corrode stainless copper or copper alloy. It adopts helical case, standardized copper connector, broadened bourdon tube, stainless steel movement and strengthened link. In order to ensure accuracy class, advanced equipment and technique are used in the process of calibration and testing. It is characterized by good appearance, high precision, small distance after tapping, good repetition and long service life.



Y-100(1.0级)

技术指标 Technical Parameters

- ◇ 测量范围: 0.6~25MPa
- ◇ 精确度等级: 1.0级
- ◇ 工作环境: -40 ~70℃,相对湿度不大于85%
- ◇ 温度影响: 工作温度偏 $20 \pm 5^\circ\text{C}$, 误差不大于 $0.4\%/10^\circ\text{C}$.
- ◇ 重量: 0.44kg
- ◇ 安装螺纹: M20×1.5(特殊要求可订制)。
- ◇ Scale range: 0.6~25MPa
- ◇ Accuracy class: $\pm 1.0\%$
- ◇ Working Condition: -40 ~70℃, no more than 85% of relative humidity
- ◇ Temperature effect: When working temperature deviates from $20 \pm 5^\circ\text{C}$, additional error is no more than $0.4\%/10^\circ\text{C}$.
- ◇ Weight: 0.44kg
- ◇ Connection: M20*1.5 or other required thread