



中外技术合作企业 Sino-Foreign Technical Cooperation Enterprise
权威注册 Authoritative Registration: CE / API / TSG
国家级高新技术企业 National High-Tech Enterprise

P-097

普通压力表
Common pressure gauge

Y 系列
Y series

Y 系列
普通压力表

Y series
Common pressure gauge



概述

普通压力表适用于测量无爆炸危险，无结晶，不凝固及对钢及铜合金不起腐蚀作用的液体、蒸汽和气体等介质的压力。

Description

Common pressure gauge is used to measure pressure of the media which has no danger of explosion, non crystal non-condensate as well as liquid, vapor and gas that has no corrosive effect upon steel and copper alloy .

技术参数

Technical parameter

型号 Model	Y-40 Y-40Z	Y-60 Y-60Z Y-60ZT	Y-100 Y-100Z 丁	Y-150 Y-150ZT	Y-200 Y-250
公称直径 DN mm	Φ 40	Φ 60	Φ 100	Φ 150	Φ 200 Φ 250
接头螺纹 Connecting ScreW	M10 × 1	M14 × 1.5	M20 × 1.5		
精确度等级 Accuracy C Jass	2.5		1.5		
测量范围 Measure range MPa	0~0.1； 0.16； 0.25； 0.4； 0.6； 1； 1.6； 2.5； 4； 6				0~0.6； 1； 1.6； 2.5； 4； 6
	0~10； 16； 25		0~10； 16； 25； 40； 60		
	- 0.1~0		-0.1~0； -0.1~0.06； 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: 不大于 0.4% / 10℃ (使用温度偏离 20 ± 5℃)

- Using environment: -40~70℃ relative humidity no more than 85%
- Temperature effect: no more than 0.4% / 10℃ (deviation of using temperature is 20 ± 5℃)

普通压力表
Common pressure gauge

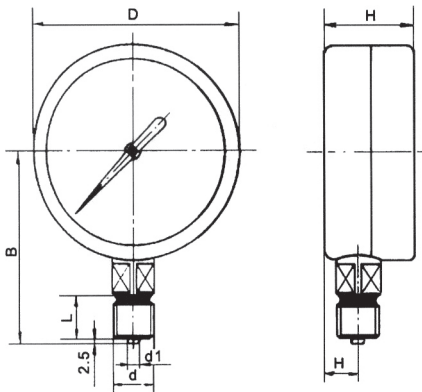


Y 系列
Y series

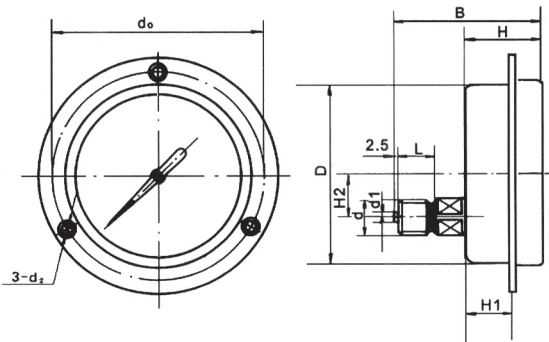
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尺寸

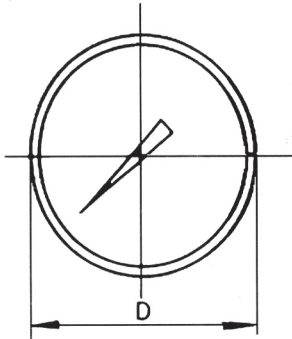
Dimensions



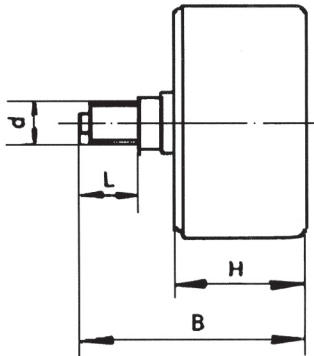
径向直接安装 Radial direct installation (Y-40、60、100、150、200、250)



轴向嵌装 Axial embedded (Y-60ZT、100ZT、150ZT)



轴向直接安装 Axial direct installation (Y-40Z、60Z)



主要零部件材质

Material of main components

零件名称 Part name	接头 Fitting	弹簧管 Sp ring tube	机芯 deck	外壳 encloser
材料牌号 Material No.	铜合金 Copper alloy HPb59-1	磷铜 Phosphor copper QSn4-0.3	铜合金 Copper alloy	钢板 Steel Plate

选型表

Selection diagram

型号 Model	D(Φ)	d	D ₁ (Φ)	L	D ₀ (Φ)	B	H	D ₂ (Φ)	H ₁	H ₂
Y-40	40	M10 × 1	4	10		58	23			8.5
Y-40Z	40	M10 × 1	4	10		44	23			0
Y-60	60	M14 × 1.5	5	14		56	28			10.5
Y-60Z	60	M14 × 1.5	5	14		56	28			0
Y-60ZT	60	M14 × 1.5	5	14	72	56	28	5	24	0
Y-100	100	M20 × 1.5	6	20		90	42			16
Y-100ZT	100	M20 × 1.5	6	20	118	83	43	5.5	25	24
Y-150	150	M20 × 1.5	6	20		116	44			16
Y-150ZY	150	M20 × 1.5	6	20	165	85	45	5.5	27	35
Y-200	200	M20 × 1.5	6	20		140	46			16
Y-250	250	M20 × 1.5	6	20		170	60			





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P-081

不锈钢膜盒压力表

Stainless steel aneroid pressure gauge

YE-100B 系列

YE-100B series

YE-100B 系列

不锈钢膜盒压力表

YE-100B series

Stainless steel aneroid pressure gauge



概述

不锈钢膜盒压力表参照原膜盒压力表的结构特点而研制的具有耐腐蚀作用的微压表。应用于锅炉通风和气体管道等设备上，在而耐腐蚀要求较高的工艺流程中测量各种气体介质的微压和负压。为国内用户对引进的国外先进技术设备中同类仪表实现国产化的理想配套产品。

Description

Stainless steel aneroid pressure gauge is a micro pressure gauge with corrosion-proof function, which is designed referring to the structural characteristics of the original aneroid pressure gauge. It is mainly used in devices such as boiler ventilation and gas pipe, etc., and measure micro pressure and negative pressure of various media in technological flow with high corrosion proof requirement. It is an ideal supporting product for the domestic customer in make imported advanced product of the same kind domestidly.

技术参数

- 精确度等级: 2.5
- 测量范围: (kPa)
0~4; 0~6; 0~10; 0~16; 0~25; 0~40; 0~60; -4~0; -6~0; -10~0; -16~0;
-25~0; -40~0; -2~2; -3~3; 5~5; -8~8; -12~12; -20~20
- 使用环境条件: -25~55℃, 相对湿度不大于 80%
- 抗工作环境振动: V.H.3 级
- 重量: 0.4kg

Technical parameter

- Accuracy class: 2.5
- Measuring range: (kPa)
0~4; 0~6; 0~10; 0~16; 0~25; 0~40; 0~60; 4~0; -6~0; -10~0; -16~0;
-25~0; 40~0; -2~2; -3~3; 5~5; -8~8; -12~12; -20~20
- Using environment: -25~55~0.relative humidity is no more than 80%
- Pulsation-proof in the working environment: V.H.3 class
- Weight: 0.4kg

不锈钢膜盒压力表
Stainless steel aneroid pressure gauge



YE-100B 系列
YE-100B series

P-082

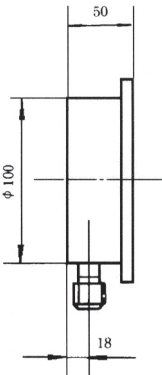
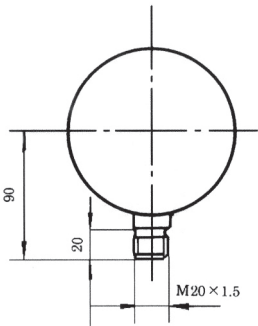
导体系统及外壳的材料

Conductor system and material of encloser

另件名称 Name	材料牌号 Material no
接头 Connector	1Cr18Ni9
膜盒 capsule	316L
表壳、表盖、表环 Gauge enclose, gauge cover, gauge ring	1Cr18Ni9

尺寸

Dimensions



压力仪表系列 Pressure Instruments Series



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P-083

膜盒压力表

Aneroid pressure gauge

YE-75、100、150 系列

YE-75、100、150 series

YE-75、100、150 系列

膜盒压力表

YE-75、100、150 series

Aneroid pressure gauge



概述

膜盒压力表适用于测量对铜合金不起腐蚀作用，无爆炸危险的微压和负压，气体广泛应用于锅炉通风和气体管道等设备上，本仪表可以就地安装并现场指示。膜盒压力表适用测量无腐蚀性气体介质的微压或负压。

Description

Aneroid pressure gauge is suited to measure micro pressure and negative pressure which won't have corrosive effect upon copper alloy in non-hazardous areas and the gas is widely used in devices such as boiler ventilation and gas piping, etc. This instrument can be installed onsite with field display. It is suitable for measuring the micro pressure or negative pressure of non-corrosive gas media.

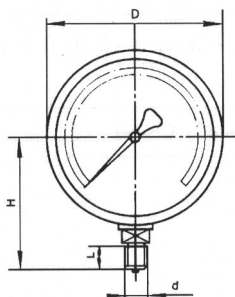
技术参数

- 测量范围：
正压：0~1.6；0~2.5；0~4；0~6；0~10；0~16；0~25；0~40kPa
负压：-1.6~-0.25；-0.25~-0.4；-0.4~-0.6；-0.6~-1.0；-1.0~-1.6；-1.6~-2.5；-2.5~-4.0~-0kPa
正负压：-0.8~+0.8；-1.2~+1.2；-2~+2；-3~+3；-5~+5；-8~+8；-12~+12~-20~+20kPa
- 精确度等级：2.5
- 使用环境温度：-25~55℃
- 温度影响：不大于 0.4% / 10℃

Technical parameter

- Measuring range:
Positive pressure: 0~1.6; 0~2.5; 0~4; 0~6; 0~10; 0~16; 0~25; 0~40kPa
Negative pressure: -1.6~-0.25; -0.25~-0.4; -0.4~-0.6; -0.6~-1.0; -1.0~-1.6; -1.6~-2.5; -2.5~-4.0~-0kPa
Positive-negative pressure: -0.8~+0.8; -1.2~+1.2; -2~+2; -3~+3; -5~+5; -8~+8; -12~+12; -20~+20kPa
- Accuracy Class: 2.5
- Using environmental temperature: -25~55℃
- Temperature effect: No more than 0.4% / 10℃

尺寸



Dimensions





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氨压力表 Ammonia pressure gauge

YA-100、150 系列
YA-100、150 series

YA-100、150 系列 氨压力表

YA-100、150 series
Ammonia pressure gauge



概述

氨压力表主要适用于在化肥生产过程中或制冷设备中用来测量氨的液体、气体或其混合物等的压力；亦可用于测量对普通碳素钢、奥氏体类不锈钢、合金结构钢以及锡铅合金焊料等无腐蚀作用的、非结晶和非凝固的各种介质的压力。

Description

Ammonia pressure gauge measures liquid, gas or mixture with ammonia, as well as medium that are non-corrosive to carbon steel, alloy steel and tinsel material, non-crystalized, non-condensate, etc.

技术参数

- 精确度等级：2.5 或 1.5
- 使用环境条件：-40~70℃，相对湿度不大于 90%
- 温度影响：使用温度偏离 20 ± 5 °C 时，影响误差变化不大于 0.4% / 10 °C
- 重量：0.6kg(YA-100)；0.9kg(YA-150)

Technical parameter

- Accuracy class: 2.5 or 1.5
- Using environment: - 40~70 °C, the relative humidity is not more than 90%
- temperature influence: influence error change is not more than 0.4%/10°C when temperature deviation is 20 ± 5°C .
- weight: 0.6kg(YA 100); 0.9kg(YA 150)

氨压力表
Ammonia pressure gauge



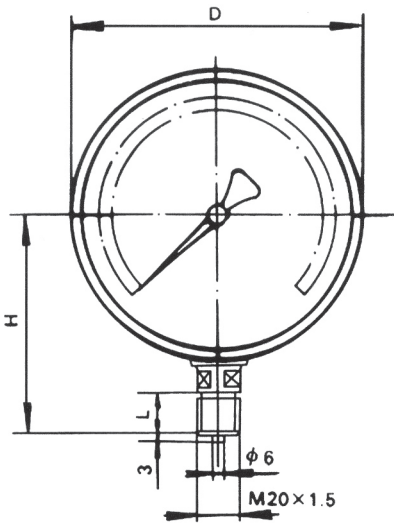
YA-100、150 系列
YA-100、150 series

P-100

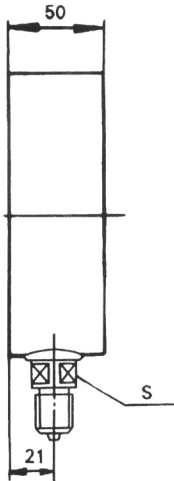
标度范围 Calibrating range

型号 Model	标度范围 Calibrating range MPa
YA-100 YA-150	0~0.16; 0~0.25; 0~0.4; ~0.6; 0~1; 0~1.6; 0~2.5; 0~4; 0~6; -0.1~0.06; 0.1~0.15; -0.1~0.3; -0.1~0.5; -0.1~0.9; -0.1~1.5; -0.1~2.4
YA-150	0~10; 0~16; 0~25; 0~40; 0~60

尺寸



Dimensions



压力仪表系列 Pressure Instruments Series



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