

YE系列膜盒压力表

YE Series Capsule Pressure Gauge



产品应用 Product Application

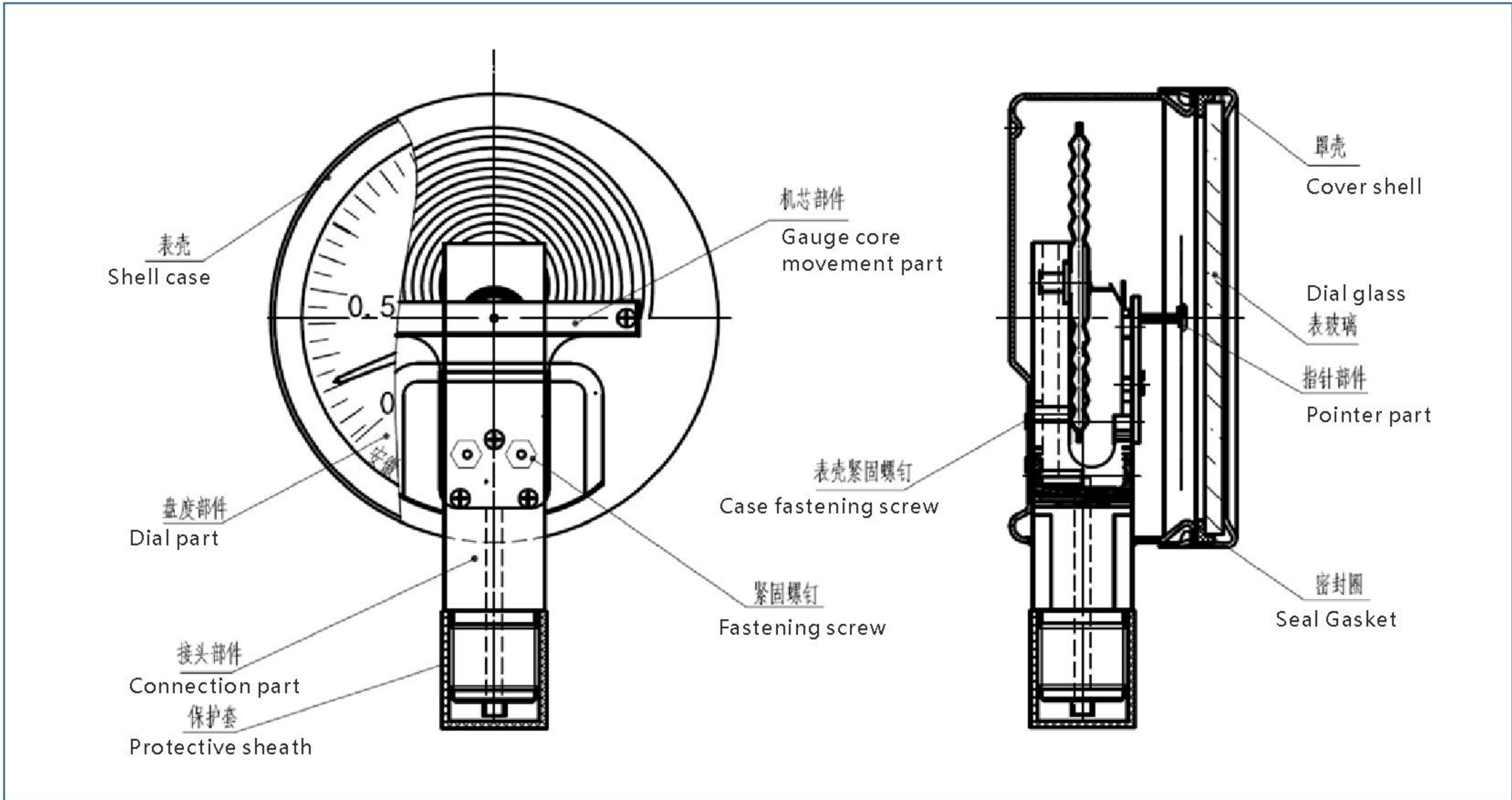
膜盒压力表采用膜盒作为测量微小压力的敏感元件。测量对铜合金不起腐蚀作用、无爆炸危险气体的微压和负压，广泛应用于钴炉通风、气体管道、燃烧装置等及其它类似设备上。

Capsule pressure gauges use a capsule as the sensitive element for measuring minute pressures. They are used to measure minute positive and negative pressures of non-corrosive and non-explosive gases, and are widely applied in cobalt furnace ventilation, gas pipelines, combustion equipment and other similar devices.

产品原理 Product Principle

膜盒压力表主要由以下零部件组成，它们分别是：接头、表壳、膜盒、连杆、机芯、指针、表盘（如图所示）。当被测压力从接头进入膜盒腔内后，膜盒自由端受压而产生位移，此位移借助连杆带动机芯中轴转动，由指针将被测压力值在表盘上指示出来。

The capsule pressure gauge is mainly composed of the following parts: connector, case, capsule, link rod, movement, pointer, and dial (as shown in the figure). When the measured pressure enters the cavity of the capsule through the connector, the free end of the capsule is displaced under pressure. This displacement drives the rotation of the pivot in the movement through the link rod, and the pointer indicates the measured pressure value on the dial.



技术参数 Main Technical Specifications

型号 Item No.	标度范围 KPa Scale Range	精确度等级 Accuracy Grade
YE-60 YE-100 YE-150 YEB-60 YEB-100 YEB-150	-1~0,-1.6~0,-2.5~0,-4~0,-6~0,-10~0,-16~0,-25~0, -40~0,-60~0,-0.5~0.5,-0.8~0.8,-1.2~1.2,-1~3,-2~2, -3~1,-1~5,-2~4,-3~3,-4~2,-5~1,-5~5,-8~8,-10~6, -6~10,-12~12,-10~15,-15~10,-20~20,-10~30, -30~10,-30~30,-40~20,-20~40,0~1,0~1.6,0~2.5, 0~4,0~6,0~10,0~16,0~25,0~40,0~60	1.6, 2.5

防护等级：IP55/IP65。
Protection Rating: IP55/IP65.

选型指南 Selection Handbook

压力表YE Pressure Gauge YE								
壳体+元件材质 Case shell+Component Material 碳钢+铜 无代码 No code Carbon steel+Copper 不锈钢+不锈钢 B Stainless steel+stainless steel								

连接符号 Connection Symbol		-
表盘直径 Dial diameter Φ60 Φ100 Φ150		60 100 150
安装方式 Installation Method 径向直接安装 Direct radial mounting 径向带后边凸装 Radial back mounting with flange 径向带前边嵌装 Radial front mounting with flange 轴向直接安装 Direct axial mounting 轴向带后边凸装 Axial back mounting with flange 轴向带前边嵌装 Axial front mounting with flange		无代码 No code T Q Z ZT ZQ
过程连接 Process Connection M14×1.5 M20×1.5 G1/2 1/2"NPT 其他 others		
接液材质 Wetted Material 304SS 316SS 其它 Others		文字注明 Specify in text
精度等级 Accuracy Class 1.0 1.6 2.5		
附件可选 Available Accessories 阻尼器 Damping Device 散热器 Heat Dissipater 过压保护器 Overpressure Protector 冷凝管 Subcooling Pipe 其它 Other		
		ZN SR OP SP 文字说明 Specify in text