天康集团

YTQ安全型压力表

YTQ Series Safety Pressure Gauge

产品原理 Product Principle

压力表遇到瞬时超压，弹性元件爆裂时，高压会同时冲击到安全挡板和后盖的橡胶衬圈上，而由于后盖仅是通过对橡胶衬圈的挤压安装在壳体上的，其不如安全挡板稳固，因此瞬间的高压会首先克服橡胶衬圈的摩擦力，将后盖冲开，释放压力。

When the pressure gauge encounters a sudden overpressure and the elastic element ruptures, the high pressure will simultaneously impact the rubber gasket on the safety baffle and back cover. Since the back cover is only installed in the housing by squeezing the rubber gasket, it is not as firmly fixed as the safety baffle. Therefore, the instant high pressure will first overcome the frictional force of the rubber gasket and blow open the back cover, releasing the pressure.

技术参数 Main Technical Specifications

- 精度：1.0、1.6、2.5；
- 隔板后释放装置，不锈钢安全构造外壳；
- 安全双层玻璃。
- Accuracy: 1.0, 1.6, 2.5.
- Diaphragm back release device, stainless steel safety construction casing.
- Dual-layer safety glass.

型号 Item No.	测量范围 MPa Measurement Range	精确度等级 Accuracy Grade
YTQ-100 YTQ-150	-0.1~0、-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、-0.1~3.9、-0.1~5.9、0~0.6、0~1、0~1.6、0~2.5、0~4、0~6、0~10、0~16、0~25、0~40、0~60、0~100、0~160、0~250、0~400、0~600、0~1000	1.0，1.6，2.5

选型指南 Selection Handbook

安全型压力表YTQ-
Safety pressure gauge YTQ-

表盘直径 Dial diameter

Φ100	100
Φ150	150

耐震功能 Seismic Function

不耐震 Non-seismic	无（可省略）None (Omittable)
耐震 Seismic	N

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	T
径向带前边嵌装 Radial front mounting with flange	Q
轴向直接安装 Direct axial mounting	Z
轴向带后边凸装 Axial back mounting with flange	ZT
轴向带前边嵌装 Axial front mounting with flange	ZQ

过程连接 Process Connection

M14×1.5	
M20×1.5	
G1/2	
1/2'NPT	
其他 Others	文字注明 Specify in text

精度等级 Accuracy Class

- 1.0
- 1.6
- 2.5
- 4.0

附件可选 Available Accessories

阻尼器 Damping Device	ZN
散热器 Heat Dissipater	SR
过压保护器 Overpressure Protector	OP
冷凝管 Subcooling Pipe	SP
其它 Other	文字说明 Specify in text