

## EYTF Diaphragm pressure gauge

### Description:

EYTF Diaphragm pressure gauge use diaphragm as a sensitive element to measure micro pressure.

Measurement corrode copper alloy, non-explosive gas micro-pressure and negative pressure .Widely used in ventilation boilers, other similar devices on gas piping, combustion devices.



EYTF Diaphragm pressure gauge measuring range -80 ~ 60000Pa, but need to use different ranges of diaphragm pressure gauge Depending on the pressure, the pressure in -1600Pa ~ 60000Pa suggested the use of disc diaphragm pressure gauge, if the pressure in -80Pa ~ 1000Pa suggested the use of the middle of the rectangular diaphragm pressure gauge.

### Structure principle

EYTF Diaphragm pressure gauge consist of the measuring system (including joint, bellows, etc.), transmission (including pull-bar mechanism, gear transmission mechanism), indicating parts (including pointer and dial) and housing (including Case, bushing and tables glass) . Instrument working principle is based on a bellows under pressure measured medium, its free end produce the corresponding elastic deformation, and then the transmission gear transmission mechanism and to enlarge the pointer fixed on the gear shaft will be measured by value indicated on the dial. There are zero means you can easily adjust the zero position.

### Technical indicators:

1.Accuracy class: 1.6, 2.5,1.0(custom)

2.Measuring range: (Kpa) (custom)

0~1.6; 0~2.5; 0~4;

0~6; 0~10; 0~16;

0~25; 0~40; -1.6~0;

-2.5~0; -4~0; -6~0;

-10~0; -16~0; -25~0;

-40~0; -0.8~0.8;

-1.2~1.2; -2~2; -3~3;

-5~5; -8~8; -12~12;

-20~20

3. Use of environmental conditions:  $-25 \sim 55^{\circ}\text{C}$ , relative humidity less than 80%
4. Anti-vibration work environment: V · H · Level 3
5. Weight: 0.5kg