

In order to use this instrument better, please read this manual carefully before use

YW-6/60 Pressure Gauge Calibrator



Xi'an Xinyi Instrument Technology Co., Ltd.

product description

The pressure calibration table YW-6/60 is an ideal high-end tool table for laboratories, factories, colleges and universities, and It can be used as a standard gauge for medium and high precision pressure testing for general pressure gauges , precision pressure gauges , pressure The transmitter is verified and calibrated.

The pressure gauge checker is a manual hydraulic source , it has simple structure, high reliability, convenient operation and maintenance,

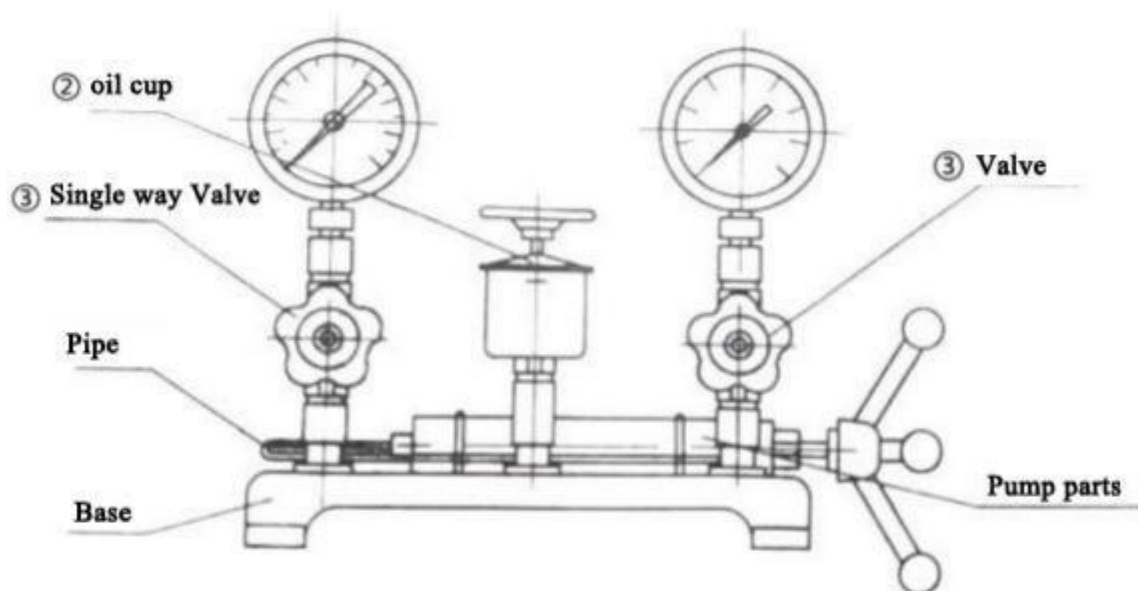
Good sealing performance, not easy to leak. The pressure adjustment range is large, and the pressure rise and fall are stable. Since its structure is

Open and transparent, therefore, it is extremely convenient for users to maintain and maintain.

1. HOW to USE

The pressure gauge calibrator is a device that creates pressure when testing general pressure gauges. It is usually divided into two parts.

Types, one of which has a test pressure of up to 6Mpa and a test vacuum of up to -80KPa; the other A test pressure can reach 60Mpa.



2. Basic structure and working principle

The calibrator is composed of a hand pump oil cup and two control valves, which are connected with each other by pipes.

Fixed on the base. The valve is equipped with lock nut M20×1.5 at both ends, which is used to connect the standard pressure gauge and the

Calibrated pressure gauge. The net weight of the calibrator is about 12 kg.

Open (or close) the oil cup valve. Rotate the handwheel to move the piston , the resulting pressure

(or negative pressure) is then transmitted to two pressure gauges (vacuum gauges), according to the indicated value of the precision pressure gauge

Calibrate the pressure gauge being calibrated.

3. Technical data

Pressure range	0-6Mpa	0-60Mpa
Vacuum	-0.088-0Mpa	NUll
Connector size	M20*1.5 (M14*1.5)	M20*1.5 (M14*1.5)
Medium	Transform oil	Transform oil

4. Acceptance and storage

1. When users receive the packing checker, they should first check whether the package is complete; if there is any damage, they should immediately

Find out the reason and contact the company .

2. After unpacking, remove the cushion to check whether the appearance of the calibrator is in good condition, and whether the manual and certificate of conformity are in good condition.

Complete, if there is any shortage, we should notify our company immediately.

3. The calibrator should be stored indoors with an ambient temperature of +5 to 35°C and a relative humidity of not more than 80%.Indoor air should not contain corrosive and harmful impurities.

4. Spare parts of the calibrator: 6MPa has 4 rubber O-rings; 60MPa has 4 rubberO-rings , 4 pressure port seals

5. Installation and use

1. The calibrator should be placed on a workbench that is easy to operate and must be kept level .

2. The working environment temperature of the calibrator is $+20\pm 10^{\circ}\text{C}$, and the surrounding air must not contain corrosive gas.

3. The calibrator should not be shaken; a rubber pad should be placed on the workbench.

z

4. Before use, first clean the calibrator pipeline with gasoline, and then fill the oil cup with the pressure medium . spin

Turn the handwheel of the hand crank screw to check whether the oil circuit is smooth; if there is no problem, you can install the precision pressure

Force gauge and pressure gauge to be calibrated .

5. Operation steps:

When checking the pressure gauge:

Open the oil cup valve $\ddot{y}$, turn the handwheel to the left, so that the cylinder of the hand pump is filled with oil .

(2) Close the oil cup valve $\ddot{y}$, open the valve $\ddot{y}$, and then turn the handwheel to the right to compress the oil, so that the oil pressure acts on the

The pressure gauge can be tested according to the indicated values of the two gauges.

6. Repair and Repair

1. Regularly clean all parts of the instrument, and put them in their original state after cleaning;

2. The oil should not be mixed with impurities or dirt. After a certain period of use, new oil must be replaced;

3. Please cover the cover when not in use to prevent dust from entering the instrument