

YWQ-1441

Desktop Hydraulic Pressure Pump

Operating Instructions

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YWQ- 1441 Desktop Hydraulic Pressure Pump

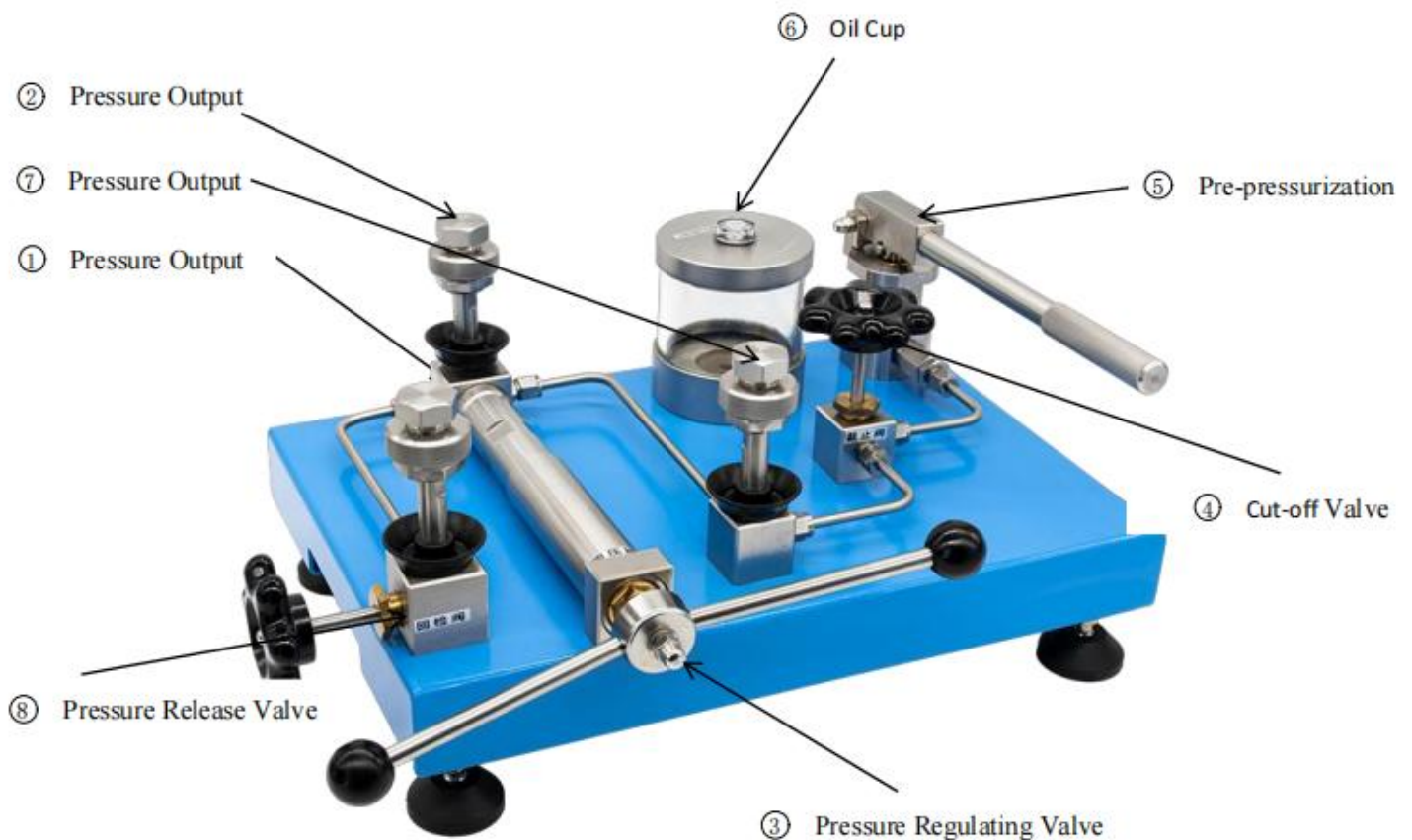
1.Product Introduction:

This product uses high-quality stainless steel, foreign advanced sealing technology, through a variety of processing processes and refined. Fully open structure for better maintenance; spiral lifting pressure, stable pressure, stable pressure and return verification is easy to operate; suitable for: food hygiene, aerospace, military, metallurgy, metering, other pressure transmitters, pressure sensors, precision (ordinary) pressure gauge, pressure up to 160MPa.

2.Technical Parameters:

1. Scale range: 0~60,100,160MPa
2. Medium: transformer oil or distilled water
3. Minimum controllable adjustment degree: 0.1 KPa
4. Interface: M20*1.5 3 units
5. Overall dimension: 450X300X 240 (mm)
6. Weight: 13.5kg
7. Fuel tank volume: 0.3L

3.Structure Diagram:



1. Pressure Output
2. Pressure Output
3. Pressure Regulating Valve
4. Cut-off Valve
5. Pre-pressurization
6. Oil Cup
7. Pressure Output
8. Pressure Release Valve

4. Operation Steps:

- 1) Place the manual pressure pump in the horizontal position and remove the ①②⑦ plug, and connect the standard pressure gauge and the tested pressure gauge to the gauge base respectively.
- 2) Turn the ④Cut-off Valve ⑧Pressure Release Valve counterclockwise to open.
- 3) Rotate the ③ Pressure Regulating Valve clockwise to the innermost end to discharge the gas in the cylinder.
- 4) Open the cover of the ⑥Oil Cup, press the ⑤Pre-pressurization, and observe whether there are bubbles emerging in the medium. When there are no more bubbles emerging, close the cover.
- 5) After the gas is discharged, rotate the ③Pressure Regulating Valve counterclockwise to the outermost end, so that the pressure regulator cylinder is full of oil.
- 6) Clear the standard pressure gauge and the tested pressure gauge to zero.
- 7) Turn the ⑧Pressure Release Valve clockwise to close.
- 8) Pull up and down Lift the ⑤pressure pump handle to Pre-pressurization, and apply pre-pressure values according to the range of the inspection table (the pre -pressure pressure value must not exceed the first test point pressure, and it must not exceed 3MPa, so as to avoid difficulty in closing the delay valve. ; At this time, the ④Cut-off Valve rotates tightly in clockwise, and turn the ⑧Pressure Release Valve rotating counterclockwise.
- 9) Rotate clockwise ③Pressure Regulating Valve to increase the pressure to each test point until the process of the right process is over.
- 10) The return school is on time, rotate against the clockwise ③regulation of the Pressure Regulating Valve, and accurately adjust it to each checkpoint until the return process is over.
- 11) After the calibration is completed, the ③Pressure Regulating Valve to the ingenious end, open the ④Cut-off Valve, and release the pressure in the cylinder. After the pressure drops to zero, wait about 10 seconds before removing the instrument, and observe whether the pressure transmission medium overflows from the axis of the ①②seat seat. If there is an overflow, wipe it in time.
- 12) Remove the pressure gauge under test. To continue testing, repeat steps (5) to (11); If the end of use, install the plug at the ①②table seat, clockwise the ③Pressure Regulating Valve to the innermost end, close the ④Cut-off Valve ⑧Pressure Release Valve.

Notes:

1. When using the instrument, the liquid storage in the oil cup must be checked first and, if not enough, it should be supplemented in time;
2. The pressure relief valve must not be opened directly, and you must rotate the pressure handle (3) first, otherwise it may cause damage to the instrument;
3. If the air is mixed in the liquid, which may cause pressure instability, the air in the pipe should be eliminated in time;
4. Pour the liquid in the cup out for a longer time;
5. If the instrument fails, please do not feel free to remove it, please contact the company or the dealer, we will solve it for you in time!

5.Product Types Choosing

Desktop Hydraulic Pressure Pump(oil pressure)	YWQ-1441A	0-60 M P a	0-60 Mpa
	YWQ-1441B	0-100M P a	0-100 Mpa
	YWQ-1441C	0-160 M P a	0-160 Mpa

Attached: Common problems and solutions

Question	Original, Because	Terms of Settlement
Increase pressure difficulty	Oil (water) tank is short of water	Add oil water
	Whether the stop valve is closed	Close the stop valve clockwise
	Whether the pressure relief valve is closed	Close the unloading valve clockwise
	Check whether the test (standard) instrument is tightened	Tighten the inspected (standard) instrument and tighten the unqualified output port with random plugs
	System intake	Block each outlet with screws, close the pressure discharge valve, make the pressure, and then open the pressure discharge valve to discharge the pressure, and repeat it many times.
	Medium pollution, and the check valve is not sealed	Clean, maintain, and configure the filter
Pressure source	The connection thread end surface of the inspected instrument is uneven	Use joint connections, sealed with aluminum or copper pads and must be tightened with tools

leakage	Output port seal is aging	Replace the "O" ring (14 external X3.1 rear connector) (12 External * 2.4 Top two connections)
	Whether the stop valve is closed	Close the cutoff valve
	Check instrument has leakage	Replace other instruments and try again to determine if the instrument is leaking
	Stressor leakage	Connect the pressure module or precision pressure gauge to the outlet, the rest is blocked with random bands, pressurized to the upper limit, to check the sealing
Other matters needing attention	The exhaust valve is full of medium in the system, and other operations are operated in the correct steps, but the system is still not The pressure can only be opened and closed when the upper pressure is normal.	
	2. When the pressure is stable and slow, there may be gas in the pipeline. Open an outlet to see the liquid overflow, and then connect the instrument.	