

Hand clamp pneumatic pump YFP-60

operation instructions

Outline structure

Pull out Pressure status ↔ advance Vacuum state



matters needing attention:

1. The equipment should be used within the rated pressure range as much as possible, and it is prohibited to use it beyond the range.
2. The pressure/vacuum conversion must be carried out in a pressure free state.
3. The calibration platform should be placed on a stable operating platform to avoid entering an environment with corrosive gases and dust particles.
4. If the equipment is not used for a long time, it should be stored in a dry, non corrosive gas environment;
5. The lever is pressurized, and the application force is uniform. Do not use force to close or open the valve.
6. Regularly clean the impurities inside the filter to prevent affecting the service life of the equipment

Technical

1. Pressure range: $-0.095 \sim 6.0 \text{ MPa}$
2. Operating temperature: $(0 \sim 50 \text{ }^{\circ}\text{C})$
3. Adjustment fineness: 1 Pa
4. Pressure medium: clean air
5. Weight: 0.8 Kg
6. Volume: $220 \times 160 \times 50 \text{ (mm)}$

Pressure calibration

Connect the meter to be inspected to the output of the meter to be inspected, and connect the standard meter to the output of the standard meter. Rotate the switch valve knob and push it out. Turn the pressure and pressure adjustment knob counterclockwise, close the pressure relief valve, pressurize it to about 0.5-4.0MPa using the pressure handle, and pressurize it to the required pressure using the pressure and pressure adjustment knob. To relieve pressure, just open the relief valve.

Vacuum calibration

Connect the meter to be inspected to the output of the meter to be inspected, and connect the standard meter to the output of the standard meter. Rotate the switch valve knob and press it in. Turn the pressure and pressure adjustment knob clockwise, close the pressure relief valve, and use the pressure handle to pump pressure to the desired vacuum value. When relieving pressure, just open it.

Common problems and solutions:

appearance	cause	resolvent
High pressure resistance	1. The movement of the pressurizing handle is blocked	Clean and lubricate the movable foreign matters of the pressure handle
	There is debris contamination at the piston cylinder movement	Clean up contaminants and apply lubricant to moving parts
Stop pressure/vacuum operation, pressure value changes greatly	1. The pressure relief valve is not fully closed	At the beginning of calibration, the pressure relief valve should be completely closed
	2. There are debris in the movable interface or the connection table is not locked	Clean the debris from the movable joint, replace the sealing ring, and lock the connection table
	3. The position of the pressure/vacuum switching valve is not in place	Please pull the switching valve out of the outermost position in the pressure state, and push the switching valve in the innermost position in the vacuum state

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