

AIR PUMP

300 BAR

INSTRUCTION MANUAL



OPTIONAL FUNCTION

1. Large size filter



2. Stronger type of rubber documents



3. Build-in moisture trap in handle



HOW TO ASSEMBLE



TROUBLE SHOOTING

- Q. The gauge is not in right position or do not use when pump working.
A. Check the gauge if damaged during the delivery, then need replace gauge.

- Q. Hard to pull or falling off while pumping.
A. Change the seal O-ring in action (parts #1/5/11).



- Q. Automatically released during the down stroke.
A. Check the air discharging valve (parts #12) or the setting of valve body (part #25).



- Q. Pressure rising very slowly.
A. Check below parts if leak (see below 1/1/3/6/10).



USE OF THE PUMP

- Do not pump in fast way, the maximum frequency is 30 times per minute.
- This hand pump creates very high pressure, do not close the air outlet when it was working.
- Pressure should not exceed the recommended pressure of 40MPa.
- Pump slowly and deliberately. Stop at the top and bottom of each stroke (1-2 seconds) to let the air flow through the tiny holes inside the pump.
- On the last 1/3 of the way to the end of each stroke make each upstroke (start or end of the work is accomplished in the last 2/3 of pump full travel).

WARNINGS AND MAINTENANCE

- Do not pump more than 3 minutes, leave the pump for 15 minutes for cooling after each pumping work.
- Open the pump head cover to relieve the pressure in the hose, keep the pump in the pressure-free state when not use.
- Keep the pump in dry and clean way, store the pump indoors away from extreme temperatures.
- The new pump need releasing after 48 hours stroke. Drop 3 drops on the top handle, and pump a few drops on the secondary tube. See figure 14 and 15.

