



User Guide

MP-60

1. General information

The testing pump MP-60 has been developed and designed to meet the highest quality standards guaranteeing most stringent operation requirements.

A number of unique design features makes the pump different from other testing pumps.

The MP-60 testing pump is a precision tool for testing Mould cooling circuits and other pressurized installation for leakages using water or oil as testing liquid, a maximum testing pressure of 60 bar being possible.

2. General safety

1. Prior to starting the testing pump, please carefully read and follow these instructions.
2. The MP-60 is designed for specific applications. We strongly recommend that it **SHOULD NOT BE MODIFIED** nor used for other purposes.
3. Using only the liquids specified for the test is utterly important for the integrity and durability of the liquid tight systems. **NO** acid or other corrosive liquids may be used for the tests. Use only clean water or oil as alternative
4. Check the pump for damaged or defective parts prior to pump operation. The pump **MAY NOT BE USED** if pressure hoses or any other parts are flawed or broken.
5. Only original Mouldpro parts may be used for maintenance

3. Operating instructions

1. Connect pressure hose to the equipment to be tested while leave V1 and V2 valves open.
2. Run the pump until all the air in test pump is discharged
3. Close V1-Shutoff valve, open one or more air or dirt discharge gap on the installation. Pump until all the air or dirt is discharged from the installation. Then plug discharge gaps on the installation
4. Pump liquid until test pressure is obtained.
5. When required pressure is obtained close V2 locking valve. Open V1 valve.
6. If required pressure is exceeding during pumping you may utilize V2 Valve.
7. If there is no leakage in the system pressure gauge will remain constant.
8. At the end of test you must open V2 valve and remove pressure hose.

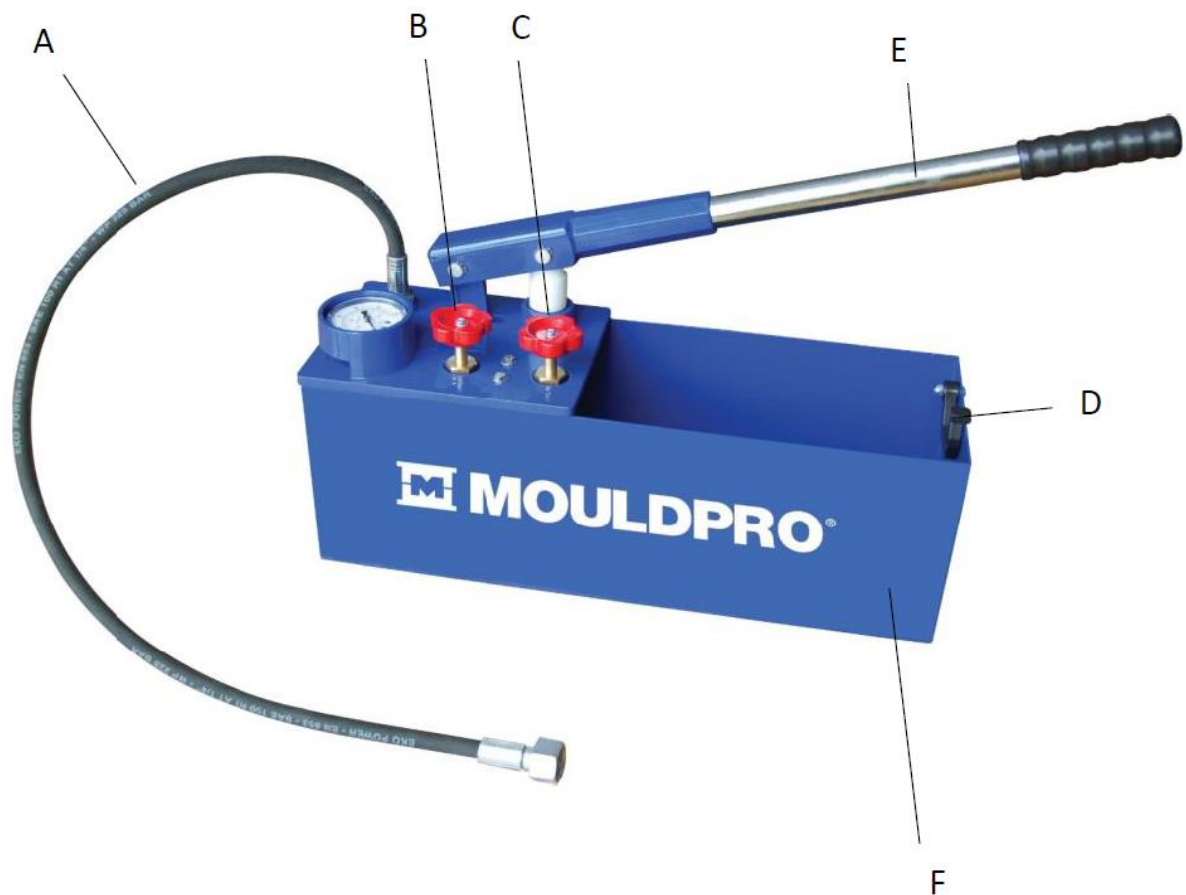


4. Maintenance

Keep the tank and pump system clean. The suction pipe is supplied with a filter to prevent dirt entering the pump pressure system. If the filter should clog, remove the dirt and clean it with water. Grease the piston periodically with water repellent great.

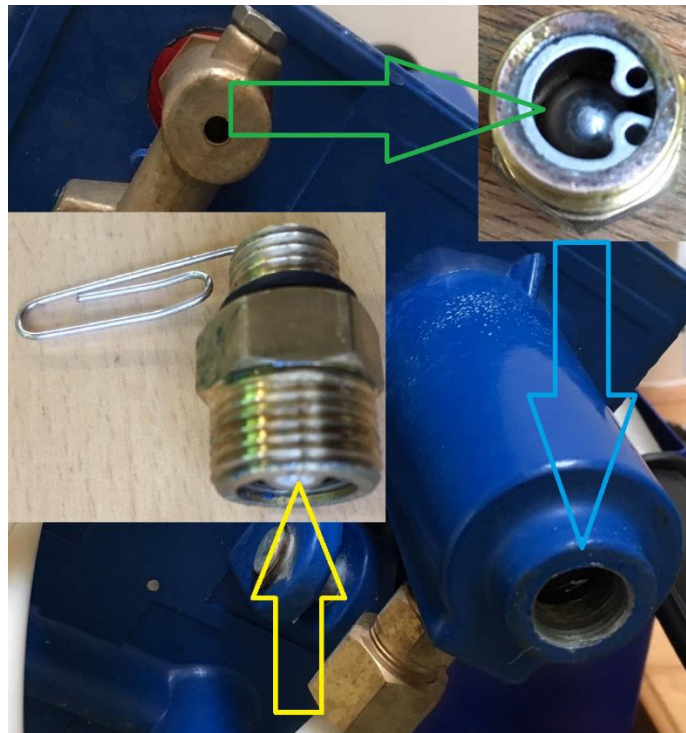
5. Specification

- A. Pressure hose
- B. V1 – shut off valve
- C. V2 Locking valve.
- D. Handle locking hook
- E. Handle
- F. Tank



6. Troubleshooting.

If the check valve becomes stuck (the pump doesn't take in water, but creates a vacuum)
Then remove the plastic filter, and loosen the steel ball (a paperclip will do the job)



Change log

| Date of change | Change | Version |
|----------------|------------|---------|
| 23-10-2019 | New design | 001 |
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