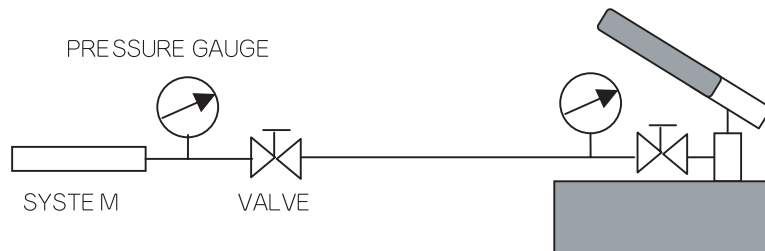


- ⑤ If air can not be released completely from inside the pipe, close the Ball valve and repeat steps ③ and ④.
- ⑥ After releasing air, close the Ball valve and feed the system with liquid until the test pressure is reached.
- ⑦ When the pressure has risen, close the Ball valve. No pressure drop indicates that there is no leak in the system.

⚠ CAUTION



◆ Where possible, check the pressure by connecting the other pressure gauge to the pipe to be tested. If the pressure gauge of this pump of this pump is used to do tests, the pressure gauge reading may vary according to temperature changes, etc. and tests may not be performed accurately.



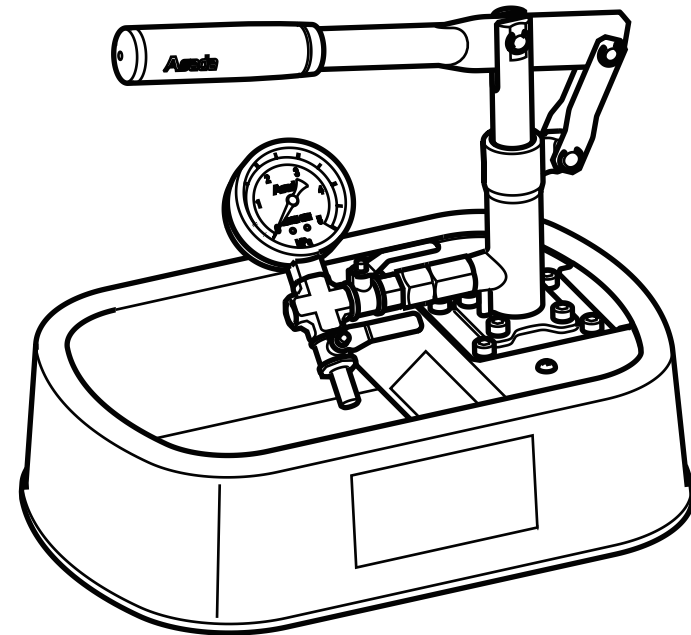
MAINTENANCE AND INSPECTION

- ① Pack the piston with grease periodically.
- ② Clean the filter as required.
- ③ The suction valve may be clogged when water is not sucked even if the handle is moved up and down.
Please give vibration to the cylinder to release the valve.

Code No. TP632
Ver.01 A

TEST PUMP TP50E

INSTRUCTION MANUAL



(This book is read before this machine is used.)

WARNING AND CAUTION



WARNING

◆For Prevention of Accidents .

- ①All visitors should be kept away from work area.
Especially keep children away.
- ②When not in use, the pump should be stored in a dry, high or locked up place, out of reach of children.



CAUTION

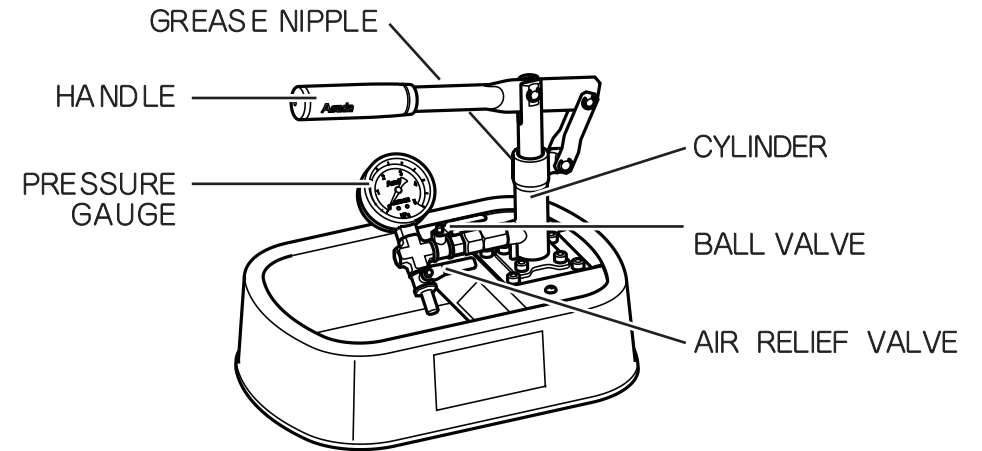
◆Where possible , connect a pressure gauge directly to a pipe to be tested.

If the pressure gauge of this pump is used to do test, the pressure gauge reading may vary according to temperature changes, etc. And tests may not be performed accurately.



- ◆Do not transport the pump with liquid in its tank .
- ◆Grease the pump periodically.
- ◆When feeding the system with liquid, take a close look at the pressure gauge reading to check for any fault.
- ◆If you have noticed any fault, do not use the pump.

NAMES OF PART



MAIN SPECIFICATIONS

Name	TEST PUMP TP50E
Code No.	TP50E
Maximum pressure	50kgf/cm ² , 700Lbf/in ²
Discharge/cycle	16ml/stroke
Tank volume	3.0L
Pressure gauge	Φ50 50kgf/cm ² 700Lbf/in ²
Connections	(Hose)right hand 1/4 (Nipple) right hand 1/2
Size	333× 233×240mm
Weight	3.2kg

OPERATING PROCEDURE

- ①After connecting a pressure gauge and a valve to a pipe to be tested, connect the high- pressure hose of this pump to the pipe.
- ②Fill the Tank of this pump with liquid, open the Ball valve.
- ③Move the handle up- down to operate the pump and feed the liquid .
- ④When the pressure begins to rise, stop the handle in the top position and open the Air relief valve (Air is released from inside the pipe)