

MANUAL DE INSTRUCCIONES  
OPERATING INSTRUCTIONS  
MANUEL D'INSTRUCTIONS  
MANUAL DE INSTRUÇÕES



**EGA** *Master* SPAIN

**ART IN INNOVATION**

***BE SAFE...BE EFFICIENT***

**BOMBAS DE COMPROBACION  
TESTING PUMPS  
POMPES D'EPREUVE  
BOMBAS DE COMPROVAÇÃO**

**COD. 56077  
COD. 56078**

**MASTERPUMP**



Regístrate para acceder a 2 años de garantía  
Register to access 2 years guarantee  
Enregistrez-vous pour accéder à 2 ans de garantie





## PRODUCT INTRODUCTION

This item is our newly developed electrical test pump/washing machine. It has three characteristics as the following:

1. The product has three piston pumps, interlock mechanism adopt Full sealed engine oil to lubricate, and we use completed imported and high quality oil seal to make the machine have a long working life.
2. After used the six pole motor, the machine can output water 8L/min under the same conditions, which greatly improved the work efficiency.
3. The pump is with one-piece design, each part compact connection to reduce the volume of machine, besides, the weight of the product is only a half of the similar product's, so the products is easy to carry and reduce workers' work intensity.



## OPERATIONAL PROCESS (TEST THE PRESSURE)

1. Plug in, screw on transparent pipe in the water inlet, connect strainer, and put into the container in reserve.
2. Screw down valve V2, turn on the power switch, and please turn off the switch when the water appear from pipe outlet, then screw on the black outlet pipe (there is a red sealing gasket with the manual). At the same time, connect the other end of outlet pipe with the measured container, to ensure that each connector joint sealed at the moment.
3. Turn on the switch, the machine have been carried water to the measured container, the tank should be injected water timely according to the size of container to avoid air come into the pipe after water was dry ,which will effect the pressure accuracy.
4. The machine have been adjusted the standard output pressure 1.0Mpa/10KG/Cm<sup>2</sup>/10BAR. The time of suction pressure initial is different, it base on the actual measured the size of container, so please be patient.
5. The machine has the automatic pressure protection equipment, it can't be increase any more when the pressure gauge display to 1.0Mpa/10KG/Cm<sup>2</sup>/10BAR, then turn off the switch and read the pressure to distinguish the container's seal degree.
6. In the practical use, when you need the pressure more than 1.0Mpa/10KG/Cm<sup>2</sup>/10BAR, please rotate valve V2 clockwise until reach your required pressure after finished the above step 5

7. In the practical use, when you need the pressure less than 1.0Mpa/10KG/Cm<sup>2</sup>/10BAR, please do it after finished the above step 4: rotate valve V2 anticlockwise half circle, then screw down clockwise until reach your required pressure. If the output pressure already more than you need, first release the pressure( unscrewV1), then rotate valve V2 anticlockwise half circle,screw down V1, then adjust valve V2 clockwise again until reach your required.

8. After finish the test, no-load running for half a minute to discharge the rest water, wipe dry it store it in a place with good ventilation.



## OPERATIONAL PROCESS (WASHING)

1.Plug in, screw on transparent water inlet in the inlet pipe, connect strainer, and put into the container in reserve.

2.Tighten the hatch V2, screw on the black exhalent siphon (there is a red sealing gasket in the manual). At the same time, connect the other end of pipe with the washing gun. Turn on the switch, rotate valve V1 clockwise and change the pressure to 3.5 Mpa/35KG/Cm<sup>2</sup>/35BAR.

3.After washed machine, no-load running for half a minute, discharge excess water, wipe dry and place in air-vent for next use. When you use it next time, adjust the valve V1 in time to ensure that beginning too big to damage the machine.



## ROUTING MAINTENANCE

1. Forbid no-load running for too long time, it will reduce the working life drastically.

2. It could be connected water inlet with faucet and test the pressure if the machine have not pumped water.

3. The good handling when machine can't holding pressure:

- Check up the tightness of each connector.
- Make sure the valve V1 is tightly secured.
- Take apart cover, check if there is impurity adhere to the one-way valve 29 according to the Explosive view. If yes, make cleaning.

4. Accumulated working for 50 hours, should disconnect cover and screw off part 07 (according to the Explosive view) to check the oil whether deteriorate or reduce? If yes, replace or add.



## PACKING LIST

Name	Quantity	Specification	Note
Machine	1pc	-	-
Water inlet	1pc	1.8M	Transparent
Strainer	1pc	-	Red
High-pressure pipe	1pc	1.8M	56077
Instruction manual	1pc	-	-



## TECHNICAL PARAMETERS

Model	Current (A)	rated pressure (Mpa/ BAR)	Flow (L/min)	Powe (W)	Voltage (V)	Frequency (Hz)	Rotating speed r/min
56077	4.0A	4.0/60	8.0	600	220	50	2800
56078					110		



## NOTES

### IMPORTANT!

The maker will not take responsibility for damage or malfunction as a result of the Testing Pump being incorrectly used or, applied for a purpose for which it was not intended.

For ordering spare parts, please refer to the Spare Parts Drawing and note the needed number.



According to Waste Electrical and Electronic Equipment directive (WEEE), these ones must be collected and arranged separately. If you have to throw them out, please, do not use the usual rubbish. Please, contact your distributor for free recycling.



## GUARANTEE

The maker guarantees to the machine owner 12 months against any manufacture defect.

This guarantee do not cover the parts wich are consumables.

**Note: to apply the guarantee its necessary to send the “GUARANTEE CERTIFICATE” duly filled within one week after purchased the machine to the maker.**