

**Rocker 800**  
Oil-Free Vacuum Pump



## Important notice

This instrument is designed for laboratory usage only. Please read this manual carefully before installing or operating this equipment. The instrument shall not be modified in any way. Any modification will void the warranty and may result in potential hazard. We are not responsible for any injury or damage caused by any non-intended purposes and modifying the instrument without authorization.

1. Check the voltage specified on the name-plate and ensure it matches the line voltage in your location.
2. The pump is not corrosion-proof. Please do not operate it with corrosive gases or organic solvent directly.
3. Install the instrument in a clean, dust-less and ventilated area under 40°C.
4. If you accidentally pump water in, please stop operating and contact your distributor for service.
5. To avoid damaging the pump easily, please vent the pump before starting the pump.
6. This pump has a thermal protection device that automatically shuts-off when it becomes overheated.
7. The temperature of the surface of pump is very high after use or during work, please don't touch it to avoid being burnt.
8. Do not use any lubricant, which may damage the pump.
9. Never spray flammable or toxic materials.
10. If the supply cord is damaged, Please contact the manufacturer or your service agent for replacement to avoid hazard.
11. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
12. Children should not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
13. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

## Unpacking

When unpacking, notice if the pump is in good situation. If not, please contact the distributor or contact us by e-mail: [export@rocker.com.tw](mailto:export@rocker.com.tw) immediately for assistance.

## Assembly & Disassembly diagram



Position	Designation
1	Muffler (Air outlet)
2	Vacuum Gauge
3	Drain valve (Regulator)
4	3/8" (10mm) Hose Barb (Air Inlet)
5	On/Off switch

## Operation

### Operating procedure

1. Press on/off button (5) to activate the pump after making sure all tubing are well connected.
2. To setup vacuum by adjusting the regulator (2) .

**\* Warning: When pump is used for water filtration, please ensure the liquid level of flask not exceed safety level. Failure to comply could result in serious damage to the pump and void the warranty. If it occurs, please contact the distributor immediately for service.**

## Maintenance

1. Please periodically check the muffler is in good situation. The blocked muffler will influence the pump operation.
2. After a long time operation, please pump clean air for couple minutes to avoid condensation from water vapor inside the pump. The condensation from water vapor will damage the pump.

## Ordering Information

167800-11	Rocker 800 Vacuum pump, AC110V/60Hz
167800-22	Rocker 800 Vacuum pump, AC220V/50Hz
167800-62	Repair kit for Rocker 800
167600-42	Muffler (Air outlet)