

Packing list

Main unit × 1, Power USB Cord × 1, AC Adapter Charger × 1, Stand × 1, Wall Mount Bracket × 1, Operating Instructions × 1



1. Charging

- 1) The Pipette filler battery must be charged for 10 hours before first use with the provided AC adapter only.
- 2) Ensure that the label indicates the correct voltage before connecting the device to power supply.
- 3) Plug the power cable of the AC adapter into the charging end at the bottom of the E-PF-P and the other end into the wall plug to charge the device.
- 4) LCD screen displays the battery power and aspirating/dispensing speed selection.
- 5) It is recommended to disconnect the pipette filler from the AC-adapter if the unit is left unused for a prolonged periods.
- 6) Voltage parameter:
 - Battery: 3.7V, 700mA, Rechargeable lithium battery
 - AC charger requirements: input: AC100-240V, output: 4.2V, 500mA

2. Operating Button

The pipette filler possess two operating buttons for aspiration and dispensing of liquid. By changing the extent of force applied on the operating button, the aspirating and dispensing speeds can be effectively adjusted.

3. Speed Adjustment Button

Aspiration/Dispensing speed can be adjusted using the speed adjustment button present below LCD display.

4. Nose Cone and Silicone Adapter

Nose cone and silicone adapter together constitute the pipette adapter. The silicone adapter enables a pipette to fit securely in place, thus creating a proper vacuum level and prevents leakage.

5. Filter

0.45-micron hydrophobic filter located inside the nose cone protects the filler from accidental excess aspirations.

NOTE: The Pipette Filler cannot be operated without a filter. If overfilling occurs, change the filter immediately. Use the filters provided by the manufacturer only.

6. Operating Instructions

- 1) Speed adjustment: Use the speed adjustment button discussed in Heading 3. Aspiration/Dispensing speed can be selected within 6 available speeds. In addition, the liquid may be discharged by using the effect of gravity.
NOTE: The speed can be adjusted even in operation mode.
- 2) Insert the pipette: Insert a serological pipette into the silicone adapter safely by holding the pipette filler nose cone firmly and ensure that it fits securely.
- 3) Aspiration/Dispensing: Aspirate/Dispense the desired volume using the two operating buttons based on the requirement. In addition, the liquid may be discharged by using the effect of gravity.

7. Precautions:

- 1) Use the instrument within the chemical corrosion tolerance limits of the instrument.
- 2) Never use highly flammable liquid.
- 3) Carefully read and understand the safety instructions provided by the manufacturer.
- 4) Ensure good working environment free of explosive, hazardous and inflammable substances.
- 5) Never operate this instrument with brutal force.
- 6) If this instrument does not work normally, contact the manufacturer.
- 7) Always use the manufacturer supplied accessories only.
- 8) The operating and storage temperatures are preferably +10°C-+30°C.