

Short user's manual

VWR® Pipette Controller

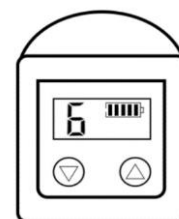
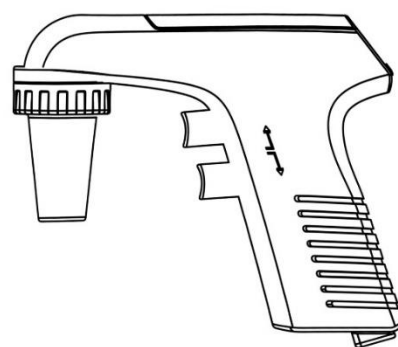
NA cat. no 76778-980

EU cat. no 612-7179

Manufactured in China

Safety Instruction

Ensure that the label indicated the correct voltage before connecting the device to power supply.
Plug the power cable of the AC adapter into the charging end at the bottom of the pipette controller and the other end into the power socket to charge the device.
LCD screen displays the battery power an aspirating /dispensing speed selection.
It is recommended to disconnect the Pipette controller from the AC-adapter if the unit is left unused for a prolonged period.



Voltage parameter

Replaceable battery: 3.7V, 2000mA, Rechargeable lithium battery
AC charger requirements: input: AC100-240V, output: 4.2V, 500mA

Structural Description

1. Operating button

Pipette controller 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.

2. Speed Adjustment Button

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

3. Nose Cone and Silicone adapter

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

4. Filter

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

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

Operating Instructions

1. Speed adjustment

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

Note: In any way, you may adjust the speed sensitively by increasing the pressure with your finger.

4. Precautions

- Use the instrument within the chemical corrosion tolerance limits of the instrument.
- Never use highly flammable liquid.
- Carefully read and understand the safety instructions provided by the manufacturer.
- Ensure good working environment free of explosive, hazardous and inflammable substances
- Never operate this instrument with brutal force.
- If this instrument cannot work normally, immediately stop operation and check the troubleshooting section.
- Always use the manufacturer supplied accessories only.
- The operating and storage temperatures are preferably +10°C-+30°C.

For more information, please consult the full manual.