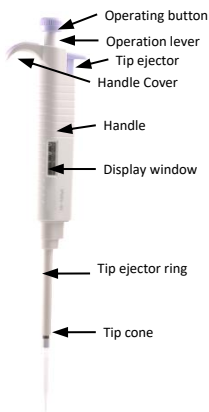


Mechanical MicroPipette (Adjustable & Fixed)



ISO8655/DIN12650 compliant



1. Notes:

- 1) **Never pipette without tips!**
- 2) Keep the pipette, tip and liquid at the same temperature.
- 3) Press the tip tightly on the tip cone.
- 4) Hold the pipette vertically with the tip immersed only a few millimeters below the liquid surface during aspiration or dispensing.
- 5) Rinse the tip at least five times especially while operating viscous liquids or liquids with density different to water
- 6) Always control the operating button movement with thumb to ensure consistency.

2. Mount the pipette holder:

- 1) Clean the surface with alcohol, peel off the protective paper from the adhesive tape of the holder, press the holder against the clean surface on the shelf and hang the pipette vertically on the holder.



3. Operation Procedure:

- 1) Rotate the operating button to adjust volume setting within the permissible range. Check the set volume in the display window.
- 2) Press the tip tightly on the tip cone
- 3) Forward Pipetting:
 - Press the operating button to the first stop point.
 - Immerse the tip 2-3mm below the liquid surface gently.
 - Slowly release the button to the starting position.
 - Carefully withdraw the tip from the liquid, touching against the edge of the container to remove excess liquid.
 - Gently press the button to the first stop point to dispense the liquid.
 - After a brief pause, continue to press the button to the second stop point (i.e., blowout). This step will empty the tip and ensure accurate liquid transfer.
 - Release the button to the starting position.
 - If necessary, replace the tip and continue pipetting.
 - Press the ejector to remove and discard the tip.
- 4) Reverse pipetting, **Note:** For viscous liquid:
 - Press the operating button to the second stop point and immerse the pipette tip 2-3mm below the liquid surface. Slowly release the button back to the starting position.
 - Carefully withdraw the tip from the liquid, touching against the edge of the container to remove excess liquid.
 - Gently press the button to the first stop point to dispense the liquid.
 - Hold the operating button at the first stop and the liquid that remains in the tip should not be included in the delivery.
 - Discard the excessive liquid along with the tip or return to the original container.

4. Storage:

- 1) Hang the pipette vertically on the holder.

5. Autoclaving:

- 1) MicroPipette can be fully autoclaved by semi-steam autoclave under 121°C, 1atm for 20 mins, Wrap the pipette with gauze before autoclaving. It must be left for 12 hours to dry before use. Greasing both sealing ring and piston after every 10 times autoclaving.