

## MECHANICAL PIPETTES

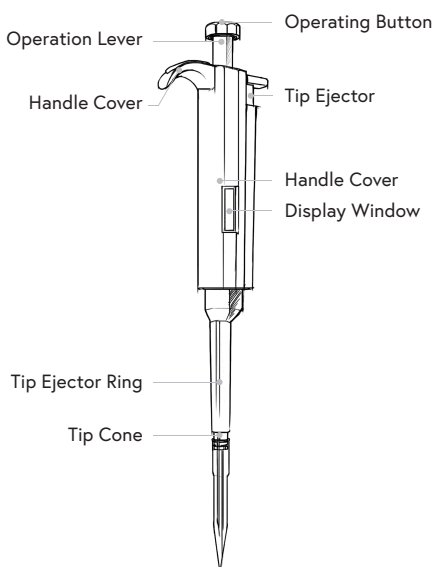
### GENERAL GUIDELINES

Always keep the pipette, tip, and liquid at the same temperature. Always control the operating button movement with your thumb to ensure consistency. Hold the pipette vertically with the tip immersed only a few millimeters below the liquid surface during aspiration or dispensing. Pre-wet the tip at least five times before dispensing, especially when working with viscous liquids. Press the tip tightly on the tip cone.

### PREPARING FOR USE:

#### ADJUSTING VOLUME

Rotate the operating button to adjust the volume setting within the permissible range. Check the display window to confirm it is set to desired volume. To retain the desired setting, press the tip of the pipette tightly on the tip cone.



### PIPETTING TECHNIQUES:

#### FORWARD PIPETTING

Press the operating button to the first stop point. Gently immerse the tip 2-3 mm below the liquid surface. 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. 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.

#### REVERSE PIPETTING

(This technique is used for dispensing liquids with high viscosity or that have a tendency to foam.)

Press the operating button to the second stop point.

Immerse the pipette tip 2-3 mm below the liquid surface. Slowly release the button back to the starting position.

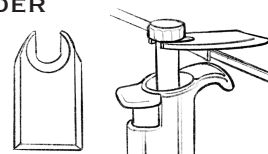
Carefully withdraw the tip from the liquid, touching against the edge of the container to remove excess liquid.

Gently press the button to the first stop point to dispense the liquid.

The liquid that remains in the tip should not be included in the delivery. Discard the excess liquid along with the tip or return to the original container.

### MOUNTING THE PIPETTE HOLDER

Peel off the protective paper from the adhesive tape of the holder, press the holder against a clean surface and hang the pipette vertically on the holder.



### CARE AND MAINTENANCE:

For optimal functionality and performance, clean the mechanical pipette before and after each use.

To clean, spray the outer surface with an appropriate pipette detergent or 75% ethanol. Wipe with lint-free cloth.

**Note:** Check the performance of the pipette every three months, and after any third-party repair and maintenance.

**ANY WARRANTY WILL BE DEEMED AS VOID IF THE FAULT IS FOUND TO HAVE BEEN CAUSED BY UNAUTHORIZED CLEANING.**

### LIMITED WARRANTY:

Your Dynarex Product is warrantied to be free of defects in materials and workmanship for twelve (12) months from original date of purchase for the original purchaser. This item was built to exacting standards and carefully inspected prior to shipment. This Limited Warranty is an expression of our confidence in the materials and workmanship of our products and our assurance to the consumer of years of dependable service.

The Warranty shall not apply under the following conditions:

- Problems arising from normal wear
- Problems arising from failure to adhere to the product instructions
- Problems arising from misuse, negligence, accident or improper operation, maintenance or storage
- Problems arising from modifications or unauthorized repairs, parts or attachments
- Products where the serial number has been removed or defaced
- Problems with non-durable components, such as rubber accessories, casters, and grips, which are subject to normal wear and need periodic replacement

Dynarex shall not be liable for any consequential or incidental damages whatsoever. Dynarex shall repair or replace defective products at its option. The foregoing warranty is exclusive and in lieu of other express warranties, if any, including the implied warranties of merchantability and fitness of a particular purpose. The remedy for any violation of the implied warranty shall be limited to repair or replacement of the defective product pursuant to the terms contained herein.

If you have a question about your Dynarex device or this warranty, please contact an authorized Dynarex dealer.

ITEM	CHANNELS	ADJUSTABLE VOLUME
40120	Single	200-1000 $\mu$ L
40121	Single	0.5-5 mL
40130	Eight	50-300 $\mu$ L
40131	Twelve	50-300 $\mu$ L

