

Mammoth™ Automation Tips



The World's Largest Automation Tips *for Large-Volume Liquid Transfer*

As the first high-capacity automation tips for large-volume liquid handling, Thomson's Mammoth™ Tips enable reliable single-stroke transfer of up to 20mL. Designed to reduce manual serological pipetting and repeated low-volume aspiration/dispense cycles, Mammoth Tips help automate larger-volume workflows with greater consistency and fewer handling steps.

MOVE MORE VOLUME IN A SINGLE AUTOMATED STROKE

Reduce manual handling and repeated low-volume transfers

Product Highlights

- ✓ **Platform:** Liquid handler with 24-channel MCPA or ST pipetting arm
- ✓ **Format:** 24-channel compatible; 1 Mammoth Tip driven by 4 adjacent channels
- ✓ **Recommended volume range:** 1.5–20mL per stroke
- ✓ **Tip capacity:** 30 mL total tip volume
- ✓ **Tip features:** Sterile, filtered, graduated, and large bore
- ✓ **Workflow compatibility:** Thomson 6- and 24-well plates, 24-well Universal Rapid Clear® filter plates, 50mL conical tubes, and similar large-volume labware

Key Features

- High-Capacity Pipetting:** Transfer up to 20mL in a single automated stroke.
- Fewer Transfer Steps:** Reduce repeated aspiration and dispense cycles for larger-volume automated liquid handling.
- Consistent Transfers:** Support uniform liquid movement across plates, tubes, and repeated transfer steps.
- Workflow Efficiency:** Consolidate larger liquid transfers into fewer automated steps with less manual handling.
- Large-Bore Design:** Supports large-volume aspiration, dispensing, and mixing where gentle handling is important.
- Sterile Format:** Supplied sterile to support contamination-sensitive liquid handling and automation workflows.



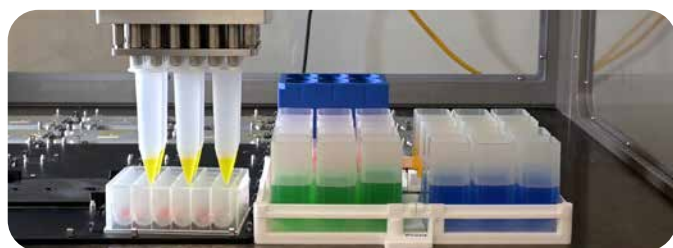
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Workflow!

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Mammoth™ Tips in Action

50 mL Conical Tube to Plate Multi-Dispense

Handle larger liquid volumes from 50mL conical tubes and similar source vessels. Mammoth™ Tips enable single-stroke aspiration and multi-dispense into plates, reducing manual handling and repeated aspiration/dispense cycles.

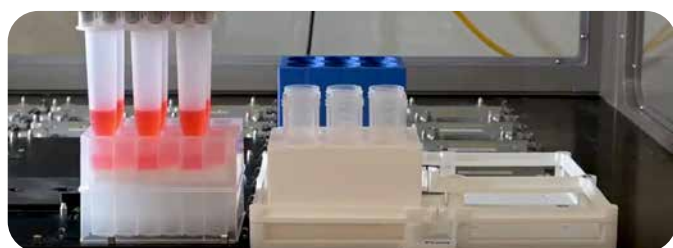
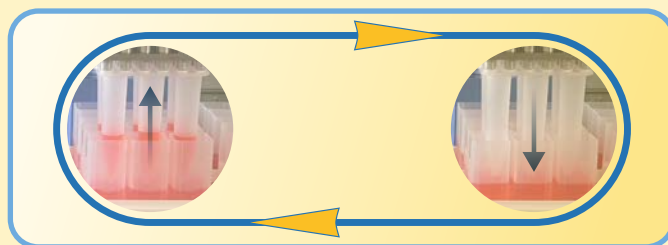


6-Well to 24-Well Plate Transfers

Streamline multi-dispense workflows by aspirating larger volumes from 6-well plates and dispensing into 24-well plates with uniform distribution. This helps reduce repeated transfer steps and supports consistent plate-to-plate handling.

Large-Volume Mixing

Use high-volume aspiration and dispense steps to mix liquids in 6-well plates, 50mL conical tubes, and other compatible labware. The large-bore design supports efficient mixing while reducing repeated manual handling.



Uniform Sample Transfer into Filter Plates

Combine Mammoth™ Tips with Thomson 24-well Universal Rapid Clear® filter plates to automate lysate or supernatant transfer for clarification. Aspirate directly from source vessels and dispense into filter plates for centrifugation, reducing manual transfer steps and improving workflow consistency.

High Volume Dilution & Titration Workflows

Mammoth™ 30mL Automation Tips support high-volume dilution workflows, including serial dilutions, titer panels, reagent preparation, and buffer exchange. Single-stroke aspiration and multi-dispense capability help reduce repeated transfer steps and support consistent liquid handling across plates and tubes.



Products	Part Number
Mammoth™ 30mL Automation Tips	9453030
24-Well Universal Rapid Clear® Filter Plate	921547
Universal Well Plate 4-Position Rack	1212605-399
6-Well Plate	931170
24-Well Plate Square Well Round Bottom	931565-G-1X

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