

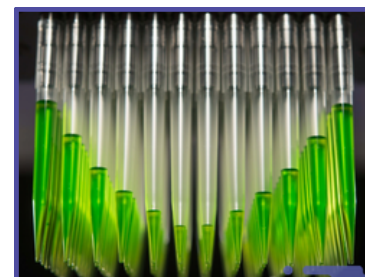
INNOVATIVE PIPETTING TECHNOLOGY



Workflow Benefits for Protein Science

1. Volume Verified Pipetting (VVP) Tech– Verify transfer volumes of each & every sample

- Independent channel control: vary volume/channel & turn off channels
- Avoid sub-target transfers
- Optimize variable sample viscosity in real time
- No need for liquid class development
- Fast non-contacting dispensing
- Wide dispensing range: 1.5 μ L-1,250 μ L, or 50 μ L-5 mL



2. Fast Normalization– Completes a 96-well plate in < 1 minute

3. 12-16x Faster Processing of Large-Volume Workflows

- Ideal for transfections, cell culture tubes, & specimen tubes
- Process up to 24 samples simultaneously with a 5 mL 24-channel head



4. Positive Pressure Extraction

A reliable, walkaway automated sample extraction solution.

5. Improved Speed, Reliability, & Yield of Bead-Based Purification

- Reduces processing times by ~40 seconds per wash
- Increases yield with 5 mL large-volume mixing



6. Effective Clog Detection & Correction– Improved processing rates by up to 37%

Ideal for sample debris, clots, seeds, or swabs. Resume sample processing by turning off the blocked well's channel.

7. Fast Pooling/Rearranging With Independent Channel Control & Non-Contact Dispensing