

Microlab® 600 Diluter Disposable Tip Probe Product Datasheet



Save time and money with a dedicated diluter

Most tasks in the laboratory involve dilutions of one type or another. A common example is mixing one or more samples and reagents and then bringing the solution up to a final volume with a diluent like water, buffer, etc. Using the Microlab 600 Diluter for these tasks can reduce user-to-user variation, improve consistency, minimize wasted buffer, and save on labor costs.

When to use the Disposable Tip Hand Probe (DTHP)

For most analytical applications, the standard Concorde CT Hand Probe provides exceptional performance with no interference from carryover. However, some applications require a higher level of assurance, and that is why the new Disposable Tip Hand Probe was developed. For these sensitive applications, the sample is aspirated into a disposable plastic tip which is thrown away between each sample, eliminating any chance for carryover. Applications that benefit from the DTHP include:

- ▶ Forensics—for some applications regulatory considerations make disposable tips the preferred option
- ▶ Sterile samples—sterile disposable tips can be used to avoid transferring contamination between sample vessels
- ▶ DNA amplification—for applications where a single amplified strand of DNA is enough to impact results

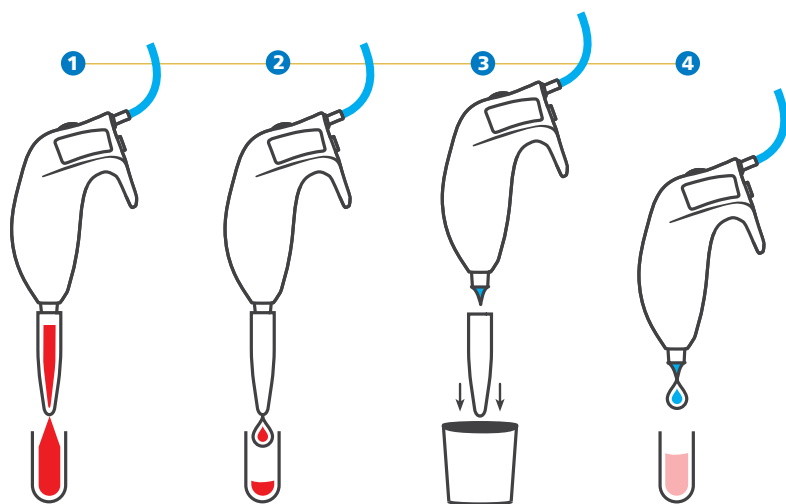
Benefits of the DTHP:

- ▶ Save time and minimize wasted buffer
- ▶ Eliminate carryover between samples
- ▶ One probe uses 50 μ L or 1 mL ClickSure® tips
- ▶ Minimize fatigue with light weight probe and spring-loaded tip ejection
- ▶ Scroll wheel quickly changes between favorites
- ▶ Configured for left or right-hand use



How does it work?

A tip is installed onto the hand probe. **Step 1:** The trigger is pressed and the sample is aspirated into the tip using the right syringe while diluent is drawn into the left syringe. **Step 2:** The trigger is pressed again and the sample is dispensed from the tip. **Step 3:** The tip is ejected. **Step 4:** Another trigger dispenses the diluent to complete the dilution.



Additional DTHP Wizards may be available for download at www.hamiltoncompany.com/microlabwizards.

Ordering Information

Description	Part Number
Microlab 600 Advanced Diluter with DTHP	ML625-DTHP*
Disposable Tip Hand Probe (DTHP)	63960-02
DTHP Cable Management System	65160-01

ClickSure® Pipette Tips

Description	Bulk	Racked	Racked Pre-Sterilized
50 µL ClickSure Tips, 960 tips/pack	235543	235537	235536
1000 µL ClickSure Tips, 960 tips/pack	235545	235539	235538

*Ships complete with Disposable Tip Hand Probe, universal valves, fill tubing, Cable Management System, power cord, and the choice of two syringes. If syringes are not selected at the time of order, 2.5 mL and 250 µL syringes are included.

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