

AUTOMATED DILUTIONS AND DISPENSING

Hamilton Microlab 600



Experience 80% savings in solvent usage
AND a significant decrease in variability
compared to manual dilutions.

The Microlab 600 is a highly precise syringe pump with a graphical user interface designed to quickly and easily dilute and dispense liquids.

This positive displacement system provides better than 99% accuracy, independent of a liquid's viscosity, vapor pressure, and temperature. The inert fluid path minimizes sample carryover and is compatible with harsh chemicals.

- Positive displacement system provides unsurpassed accuracy and precision
- Inert fluid path allows dilution and dispensing of volatile, viscous, corrosive and other harsh liquids
- Bubble Free Prime Syringe simplifies priming
- Large touch screen and innovative user interface provides for simplified programming



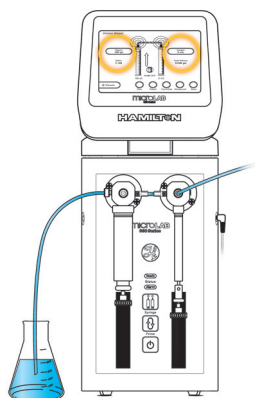
Scan the QR Code
for more information.



How does the diluter work?

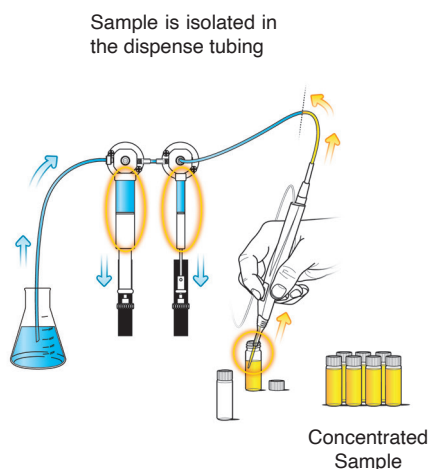
Step 1

Program the desired Diluent and Sample volumes.



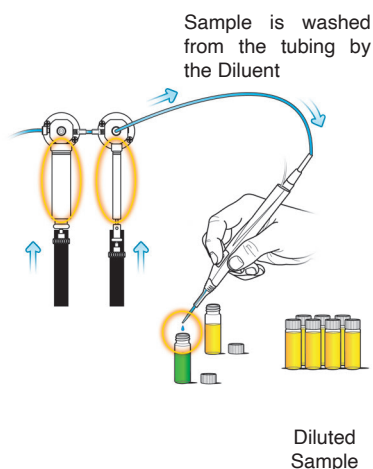
Step 2

Trigger the hand probe to fill the left syringe with Diluent and aspirate Sample into the hand probe with the right syringe.



Step 3

Trigger the hand probe to dispense the Sample and then Diluent into a vial.



Why choose the Microlab 600?

- Reduce time preparing samples
- Minimize experimental variation from one user to the next
- Simplify compliance to EPA, FDA (GLP, GMP) and ISO
- N.I.S.T. traceable calibration



Chromatographic Specialties Inc. is the only
Canadian Supplier authorized to complete
Calibration and Repairs on Hamilton products.