

# Liquid Verification Kit

Optimize and verify pipetting performance with convenience and ease.

Environmental factors such as altitude, temperature, and humidity, combined with varying physical properties such as volume and viscosity, can affect automated liquid handling precision and accuracy. To save time from the standard trial and error of fine-tuning liquid classes, Hamilton Robotics offers the Liquid Verification Kit (LVK) for liquid class development and liquid class verification.

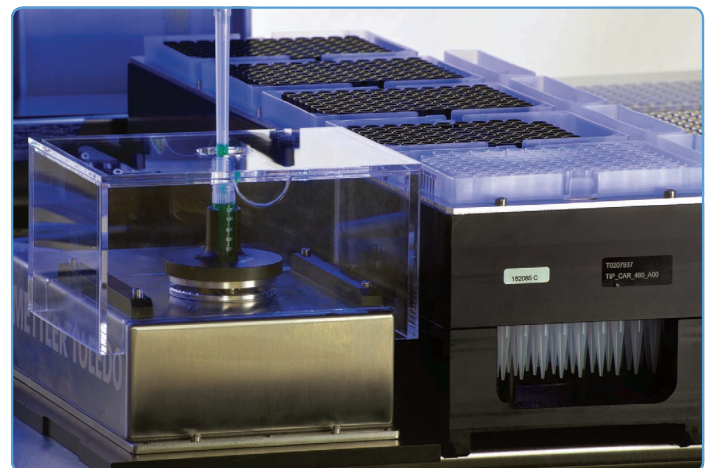
A gravimetric balance-based hardware and software kit, the LVK enables you to quickly develop, optimize, and verify liquid handling on all Hamilton liquid handling platforms. For regulated laboratories, the LVK provides a turn-key solution for QC to verify pipetting of samples and reagents.



LVK — Microplate Adapter

## Refine with Liquid Class Development

Create and test customized liquid classes that are optimized for your lab's environment, types of liquids, and volumes pipetted.



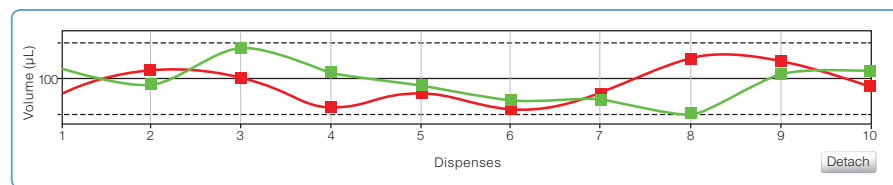
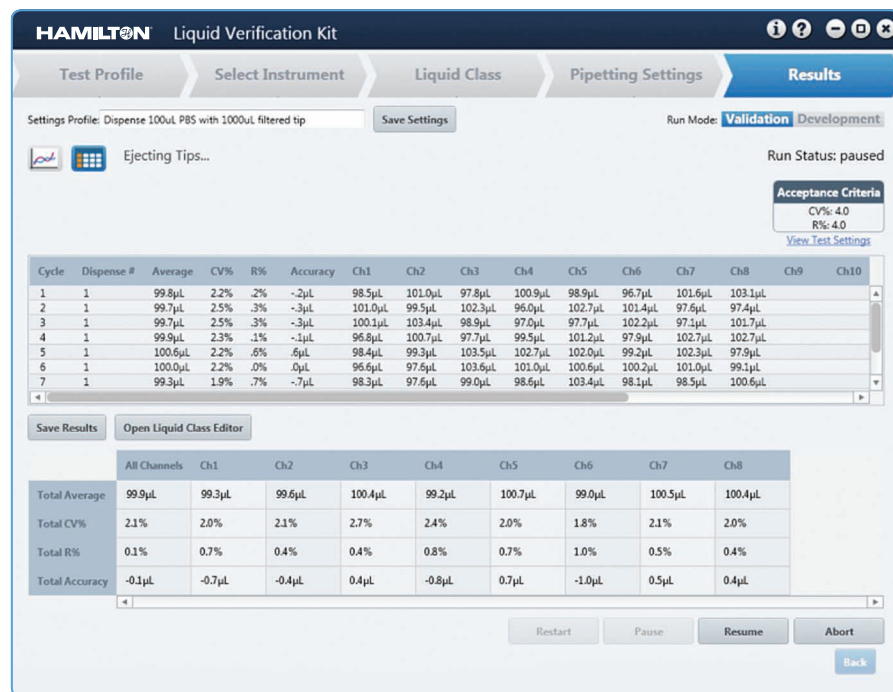
LVK — Tube Adapter

## Confirm with Liquid Class Verification

Verify customized liquid classes to ensure the liquid handling system is within compliance of your lab defined acceptance criteria. Perform QC of your liquid handling system quarterly, monthly, or even daily as required by your procedures.

# Adaptable, Easy-to-Use Software

Designed for simplicity, the LVK software tool displays precision (CV%) and accuracy (R%) calculations in real-time for easier and faster analysis as you develop, optimize, and verify liquid classes. LVK software can open VENUS® methods — enabling you to develop and verify liquid classes using existing pipetting routines with your existing deck configuration. Generate PDF or Excel pipetting reports that include volume data tables, statistics, and graphs.



## Liquid Verification Kit

### Part Number

### Description

95843-01

Liquid Verification Kit

95843-02 (available on demand)

Liquid Verification Kit, with readout terminal

## Easy-to-use GUI

- Save different test profiles
- Modify pipetting parameters
- Work in existing VENUS methods
- Choose output format of reports

## Kit includes:

- LVK Software
- Mettler Toledo WXS High Precision Weigh Module
- Mounting base plates for Microlab® NIMBUS®, Microlab STAR™, and Microlab VANTAGE Liquid Handling System®
- Tube adapter set for 10.2 mm diameter, 10.8 mm diameter, and 18.5 mm diameter
- Microplate adapter
- Draft shield for tubes and/or microplates
- Thermohygrometer
- Carrying case
- Readout terminal (optional)

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Web: [robotics.hamiltoncompany.com](http://robotics.hamiltoncompany.com)

Email: [infoservice@hamiltonrobotics.com](mailto:infoservice@hamiltonrobotics.com)

### United States

Tel: +1-775-858-3000

### United Kingdom & Ireland

Tel: +44 (0) 121 272 92 80

### Spain, Portugal

Tel: +34 930 186 262

### China

Tel: +86 21 6164 6567

### France

Tel: +33 184 008 420

### Italy

Tel: +39 (039) 930 06 06

### Denmark, Norway,

Sweden, Finland

Tel: +46 8403 09 090

### Germany, Switzerland,

Austria, Benelux

Tel: +49 89 248 804 804

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