

Automation Trainer steps up to help COVID Labs improve PCR Test and helps labs deal with tip shortages with its validation methods

Tools and Services for the Simplification and Practical Application of Measurement Standards in Automated Liquid Handling and Pipetting Systems

Consumables

Service & Training

Reagent Kits

Lab Equipment

Product Line Card

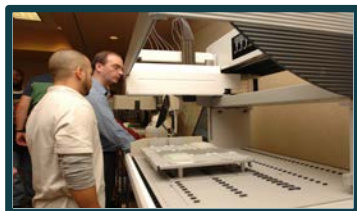
CONSUMABLE SUPPLIER OF LABWARE AND DISPOSABLE TIP ALTERNATIVES



Supplying tips and labware alternatives with QC/QA & validation of consumable alternatives

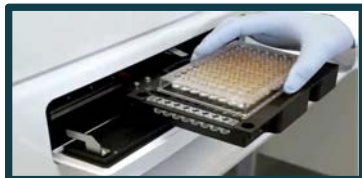
- Alternative tips for Hamilton, Tecan, Beckman, Agilent, Perkin Elmer, Dynamic Devices, Gilson, Eppendorf, Integra, Opentron and more
- Corning and Microlit OEM for labware
- Alternative source of Fisher, VWR, Rainin tips, PCR plates, microtiter plates and other labware, COVID, Cancer, Genemic, and other labs.

SERVICES, METHOD & APPLICATION DEVELOPMENT, & TRAINING



Testing, Consulting, Reagent, PM Kits, Custom Automated Platforms Integration and Development

- On-site volume verification, calibration, validation, PQ/IQ/OQ, protocol & SOP implementation, and preventative maintenance by Automation Trainer's Field Service Engineers
- Robot Method Programming and Development, Data Science,
- Data Management, Data Engineering, AI & Machine Learning, Statistics
- Workflow analysis & Equipment recommendations
- Training & Service on-site, virtual, remote, in conjunction with technical meetings
- Consulting services



REAGENT, QC & PM KITS, VALIDATION PLATES, MINI-READERS, EQUIPMENT

Provides Performance Status, Accuracy, Precision and Calibration Recommendations Modified Single-dye Photometric Method



- Easily Test your disposable tip options with QC Cal Kit Lite Performance Status, Accuracy & Precision Verification + Calibration recommendations for testing 1 to 384-tip liquid transfer to a microplate (96 or 384-well); water liquid class. (Inquire about DMSO & other liquid classes.) **QC Cal Kit Lite** uses similar (and improved) methods, as those found in ISO IWA 15 "Specification and method for the determination of performance of automated liquid handling systems.". Includes WellAware&GLHTracker Desktop Tablet
- Distributor for Absorbance96 Personalized Mini-Plate reader. QC, Elisa, read many assay screens at various wavelengths.
- Lab source for new and used lab equipment options
- Distributor of Mag Bead Bot alternative to the THERMO KING FISHER



Satisfaction Guarantee

Simple. Practical. Cost-effective.

Automation Trainer LLC PO Box 2534 Sacramento, CA 95812

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About Automation Trainer

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Company History



Automation Trainer LLC., as well as its products and services, were developed by Computer & Bio-Engineer Professor Petar Stojadinovic (left) & Professional Engineer Douglas Gurevitch (below), based on their experience in industry and academia, and in short courses taught at scientific meetings and tradeshow (e.g. SLAS, Pittcon, etc.).



They found most users of automated liquid handling systems, acutely aware of the impact of transfer volume accuracy and precision on data quality.

But they also felt an uneasiness among some technologists, on how to perform volume verification, due to what they felt, was the lack of an ideal solution. Users and the literature reports, that single-dye home brews can lead to errors and inconsistencies, which can vary from person to person, depending on the technique of those creating the dye solutions. And some users complained, that the existing commercial dual-dye method, was complicated and costly.

As automation engineers, the solution that made the most sense to Petar & Doug, was something in the middle. A simple, single dye method, that has been proven, well-documented and widely accepted—but optimized and made more convenient. Quality could be ensured by manufacturing the dye solutions in a controlled and inspected environment.

Today these reagent kits, related services and training, are available directly from **Automation Trainer**.

LIMITED WARRANTY: Reagent Kits are intended for laboratory research use by trained users. Determination of their suitability for specific end-use is the responsibility of the user, who assumes all liability for loss or damage arising out of the use of the product. Warranty is limited to replacement of defective materials, if returned with authorization, within 1-year of purchase date.

Reagent Kit Manufacturing

Automation Trainer reagents are manufactured within an ISO Certified, FDA inspected medical reagent manufacturing facility.

FDA approved ingredient, single-dye reagents are safe, easy to use and available in pillow packs with a (1) one year shelf life. Original Reagent Kits, can be resupplied with a la carte pillow packs as required. Custom end-user kits and supplies are available to build your own end-user test package, for the way you'd like to test your liquid handler. Quantity discounts available.

Beyond the reagents, methods and software supplied by Automation Trainer, all other support supplies have been sourced from reputable manufacturers with an eye on controlling our costs and yours. The result is a turn-key solution, using proven methods, that is convenient to use and cost-effective.

90-day, satisfaction guarantee.

Metrological Traceability

Volume verifications and Calibrations performed with Automation Trainer Reagent Kits, provide metrological traceability when used with a calibrated, NIST traceable plate reader, calibrated manual hand pipette and ISO 17025 calibration services. Reagent Kits use similar (and improved) methods, as those found in **ISO IWA 15 "Specification and method for the determination of performance of automated liquid handling systems,"** and have been used in Clinical, Forensic, RNA Manufacturing, Research, Pharma, Biotech, Academic, and other labs. Cloud-based software is in NIST 800-53 Security Compliance.



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