

Multimode Microplate reading with the Thermo Varioskan LUX reader and the S-LAB™ Pro Automated Plate Handler



Introduction

Researchers around the world use multimode microplate readers for a wide variety of applications. Combining your Thermo Varioskan LUX Multimode Microplate Reader with the S-LAB Pro plate handler from PAA will enable you to increase productivity, reduce costs, improve performance and data repeatability.

Thermo Varioskan LUX Multimode Microplate Reader

The Thermo Varioskan LUX Multimode Microplate Reader is designed for researcher with a wide variety of needs, offering features that help save time and reduce common errors. This instrument combines performance and versatility, enabling easy transitions between a broad range of analyses.

- Digital microfluidic fluorescence assays
- DNA Bending and Protein-DNA Interactions
- Exploration of Microbial Communities
- Determination of Antioxidant Capacity
- Cellular Quantification and Imaging

This instrument offers Absorbance, Fluorescence Intensity, Luminescence, AlphaScreen, QuantiGene SinglePlex, and Time-Resolved Fluorescence reading technologies.

S-LAB Pro plate handling

PAA's S-LAB Pro plate handling system is an entry level automation solution designed for easy installation and use. The S-LAB plate handler operates standalone, offering unattended loading and unloading of plates into the Thermo Varioskan LUX Multimode Microplate Reader instrument with full plate tracking. With a barcode reader and delidding functionality included as standard functions, the S-LAB plate handler offers a reliable, flexible and easy-to-use automation solution.

Plate stacks (room temperature storage) are included as standard, however system functionality can be extended by the inclusion of a Thermo Cytomat or LiCONiC incubator. Kinetic assays can be achieved with PAA's unique Assay Manager™ software.

Add a PAA Safecel 1000 bench and you have a complete out-of-the-box automation solution.

Harmony™ user interface

PAA's Harmony™ user interface takes you through setting up your assay. Follow the process, review the entries, select run and walk away. The plates are automatically loaded into the Thermo Varioskan LUX Multimode Microplate Reader instrument. Harmony sends you a message when the batch has been completed.

Summary

The Thermo Varioskan LUX Multimode Microplate Reader and the S-LAB plate handler gives you an automation platform optimised to work together, enabling a reliable solution for unattended sample analysis. Contact PAA if you would like advice on how to automate your instruments to increase productivity with unmatched value.

North American Distributor



7316 N Alpine Rd
Loves Park, IL 61111
United States

Phone: 815.282.1775
email: info@tekmatic.com