

System Specifications

Typical Test Time	≤ 10 minutes + read time (With established liquid class; robot and reader methods)
Tip/Channel Configurations	1 to 1536-Channel Instruments (Automated or Manual)
Compatible Plate Formats	24-Well; 96-Well; 384-Well; 1536-Well
Dye Solutions	Tartrazine-Based
Operating Volume Range	24-Well: 0.05 - 10,000 μL 96-Well: 0.01 - 2,000 μL 384-Well: 0.003 - 500 μL 1536-Well: 0.001 - 80 μL
Traceable Volume Range*	24-Well: 0.05 - 5,000 μL 96-Well: 0.01 - 1,000 μL 384-Well: 0.003 - 250 μL 1536-Well: 0.001 - 40 μL
Uncertainty (Inaccuracy)**	24-Well: 0.05 - 1,500 μL , $\pm 1.5 - 2.0\%$; > 1,500 - 5,000 μL , $\pm 3.0 - 4.0\%$ 96-Well: 0.01 - 300 μL , $\pm 1.5 - 2.0\%$; > 300 - 1,000 μL , $\pm 3.0 - 4.0\%$ 384-Well: 0.003 - 75 μL , $\pm 1.5 - 2.0\%$; > 75 - 250 μL , $\pm 3.0 - 4.0\%$ 1536-Well: 0.001 - 12 μL , $\pm 1.5 - 2.0\%$; > 12 - 40 μL , $\pm 3.0 - 4.0\%$
Random Error (Imprecision)**	24-Well: 0.05 - 1,500 μL , $\pm 0.5 - 1.0\%$; > 1,500 - 5,000 μL , $\pm 1.0 - 2.0\%$ 96-Well: 0.01 - 300 μL , $\pm 0.5 - 1.0\%$; > 300 - 1,000 μL , $\pm 1.0 - 2.0\%$ 384-Well: 0.003 - 75 μL , $\pm 0.5 - 1.0\%$; > 75 - 250 μL , $\pm 1.0 - 2.0\%$ 1536-Well: 0.001 - 12 μL , $\pm 0.5 - 1.0\%$; > 12 - 40 μL , $\pm 1.0 - 2.0\%$
General Operating Conditions	Temperature: 13 - 30 C Relative Humidity: 20 - 70%
Traceable Operating Conditions***	Temperature: 17 - 27 C Relative Humidity: 30 - 60%
Notes	<p>*Volume Measurement outside the indicated ranges are not traceable to national and international standards and declarations of uncertainty and random error are not made.</p> <p>**Top of the range of stated percentage specifications apply when the Byonoy Absorbance 96 Reader at 450 nm, GLH Verification Plates, and the GLH Validation Reference Plate (using the “Auto-Generate” function) is used with Aqueous and DMSO-Based Test Solutions.</p> <p>***Tests performed outside the indicated operating conditions are not traceable to national or international standards and system declarations of uncertainty and random error are not made.</p>
Warranty	<p>The GLH QC Kit is 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.</p>

Automation Trainer LLC PO Box 2534 Sacramento, CA 95812

© 2023 Content subject to change without notice.

For research use only. Not for diagnostic procedures.

(617) 752-2288 EST

Website: www.AutomationTrainer.com

Email: support@automationtrainer.com