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 Format: 0.05 – 10,000 µL 96-Well Format: 0.01 - 2,000 µL 384-Well Format: 0.003 - 500 µL 1536-Well Format: 0.001 – 80 µL
Traceable Volume Range*	24-Well Format: 0.05 – 5,000 µL 96-Well Format: 0.01 - 1,000 µL 384-Well Format: 0.003 - 250 µL 1536-Well Format: 0.001 – 40 µL
Uncertainty (Inaccuracy)**	± 2.0% : Nano, Micro, Bulk, Large ± 4.0% : X-Large
Random Error (Imprecision)**	± 1.0% :Nano, Micro, Bulk, Large ± 2.0% : X-Large
General Operating Conditions	Temperature: 13 - 30 C Relative Humidity: 20 - 70%
Traceable Operating Conditions**	Temperature: 17 - 27 C Relative Humidity: 30 - 60%
Notes	***Volume Measurement outside the indicated ranges are not traceable to national and international standards and declarations of uncertainty and random error are not made.** ****Stated Specifications apply when the Byonoy Absorbance 96 Reader, GLH Verification Plates, and the GLH Validation Reference Plate (using the "Auto-Generate" function) is used with Aqueous and DMSO-Based Test Solutions.** *****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.**
Warranty	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.