



# GX

## THE CONCENTRATE OF PERFORMANCE



Tosoh Automated Glycohemoglobin Analyser **HLC-723GX®** Better diagnostics for better living

### TOSOH BIOSCIENCE



# GX

The concentrate  
of performance

Compact HPLC expertise  
for reliable HbA<sub>1c</sub> results,  
anytime, anywhere

## TECHNICAL SPECIFICATIONS

Analytes	Variant Mode: HbA <sub>1c</sub> (sA1c), HbF
International Standards	IFCC/NGSP
Measurement Principle	Ion exchange high performance liquid chromatography
Calibration	2 point calibration
Printer	Thermal Printer (58mm)
Networking	RS-232C serial communication port (bi-directional)
Flagging	18+ Customisable Flags
Analytical Resolution	0.1% / 1mmol/L
Power / Heat Output	AC 100-240V, 50/60Hz, 180VA max / 230 BTU (@21°C)
Dimensions (WxDxH) / Weight	370mm x 525mm x 482mm / 25kg

## PROCESSING SPECIFICATIONS

Sample Loading	10 tube turntable
Sample types	Whole Blood / Pre-Diluted Samples
Sample Dimensions	12-15mm diameter, 75-100mm collection tubes
Aspirated Sample Volume	3µL (Primary tube), 120µL (Diluted samples)
Minimum Sample Volume	1mL (Primary tube), 200µL (Sample cup)
Environmental Conditions	15-30°C, 40-80% R.H., Up to 2000m
Analytical Throughput	Variant mode: 2.2 min/sample

## REAGENT DETAILS

Variant Mode	TSKgel® GX	0023160
	GX Assay Kit	0023161
	Hemoglobin A1c Calibrator Set	0018767
	Hemoglobin A1c Control Set	0021974
	G8 HbA <sub>1c</sub> Calibrator Set (S)	0023528
	HbA <sub>1c</sub> Diluting Solution	0023503