

Specifications

Analysis	System	Discrete single line random access multi-test analysis
	Number of test items on board	36+3 (ISE) or 24+3(ISE)
	Throughput	270 tests/hour, 450 tests/hour including ISE, 90tests/hour for HbA1c only
	Analysis method	End point, Rate, ISE
	Calibration curve	8 kinds (linear , spline, etc)
Sample	Sample kind	Serum, Plasma, Blood cell, Urine, Dialysis, CSF (ISE not available for CSF and Blood cell)
	Sample container	Sample cups , primary tube (5, 7, 10ml)
	Number of samples on board	Software tray (30 positions for patient sample, and 45 positions for standard and blank sample)
	Sample tray mode (software tray)	Selectable modes for patient sample, calibration and QC
	Sample dispensing volume	2.0 ~ 25.0 μ l(0.1 μ l step)
	Dilution ratio	0.5 ~ 100 times
	STAT	available during measurement (step between samples by priority)
Reagent	Reagent tray	36 items or 24 items (removable)
	Number of bottles on board	72 (36 items) or 48 (24 items)
	Bottle size	36 items : 13, 25, 40 ml 24 items : 20, 40, 60 ml
	Reagent dispensing volume	R1 : 140 ~ 300 μ l(1 μ l step), R2 : 20 ~ 260 μ l(1 μ l step)
	Reagent storage	24 hours cooling
	Reagent volume check	Level sensing or count down
Reaction	Cuvette material	Plastics (semi-disposable)
	Reaction volume	140 μ l ~ 400 μ l
	Reaction time	approx 10 min. (1st reaction 5 min., 2nd reaction 5 min.)
	Reaction temperature	37 \pm 0.1 $^{\circ}$ C
	Optical measurements	Fixed 13 wavelengths (340 ~ 800nm)
	Optical source	Tungsten halogen lamp
	Optical range	OD 0 ~ 2.5
	Cuvette washing	Auto washing with heated water and 2 kinds of washing solutions
Reaction waste collection	Reaction waste stored in a dedicated tank	
	Pure water consumption	Maximum 3.8 ℓ /hour
Interface	Operation	Personal computer
	OS	Windows 10
	Reaction monitor	Optical absorbance graphic display
	Quality control	Current, Daily and Cumulative QC. Westgard algorithms
	Output	LAN connection
Option	ISE module	
	Sample barcode reader, Reagent barcode reader	

※Specifications are subject to change without notice.