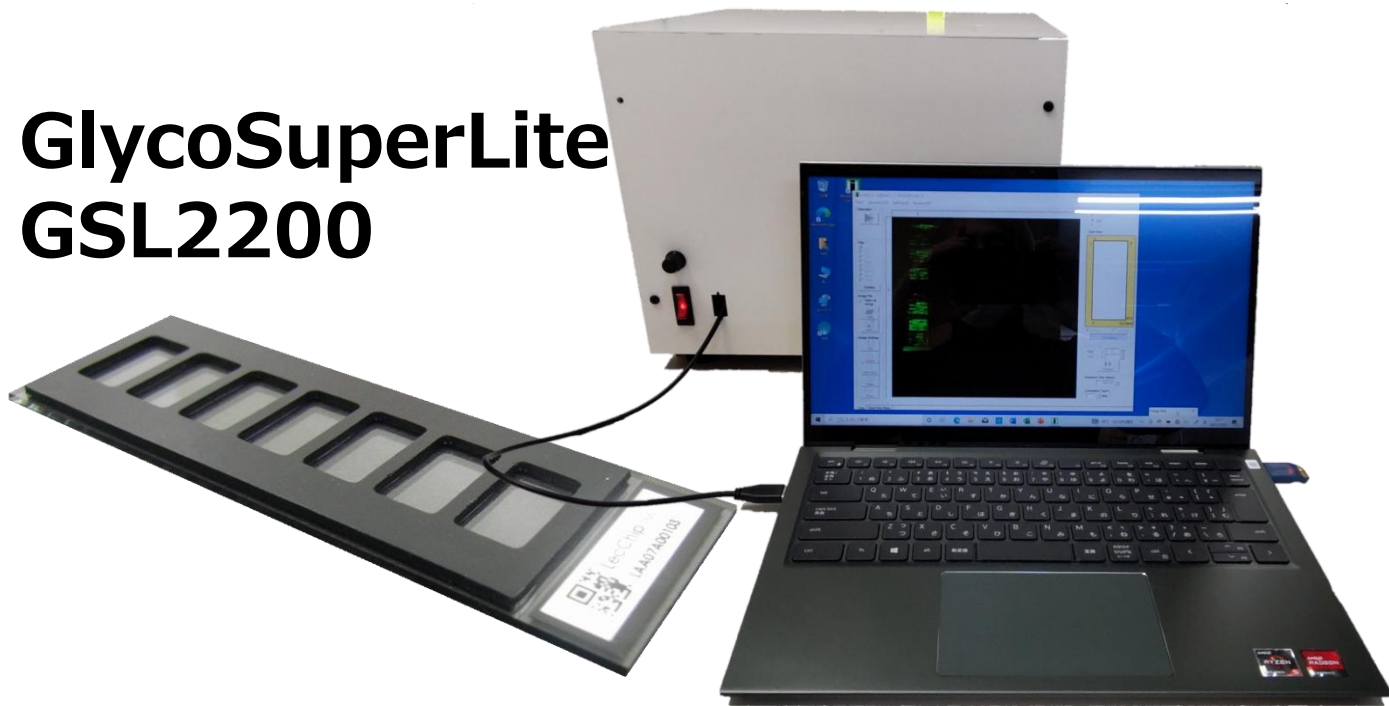


Ultra Low cost and Easy Evanescent-field Fluorescence Excitation Scanner

GlycoLite will be reborn as a smaller, lighter (10 kg), ultra-high speed (10 seconds or less), and ultra-low cost scanner (list price = to be quoted)

GlycoSuperLite GSL2200





GlycoStation:

It is the world's first comparative glycan profiling system using a lectin microarray that can detect changes in glycan structures due to pathological conditions and cell differentiation etc. with high throughput and high sensitivity. It can be used for a wide range of applications such as new glyco biomarker development and screening, discrimination of stem and differentiated cells, infectivity and glycans on bacteria and virus, immune enhancement and glycans on intestinal bacteria, and biopharmaceutical IgG glycan analysis, etc.

<https://www.emukk.com/>

Specs: GlycoStation Reader 2300 & GlycoSuperLite 2200

	Highend Glycan Profiler	Lowend Glycan Profiler
Manufacturer	Mx (エムツク、emukk)	Mx (エムツク、emukk)
Model	GlycoStation Reader 2300 (GSR2300)	GlycoSuperLite 2200 (GSL2200)
FA-PC	Windows10 64bits	Windows10 64bits, Note-PC
Scan Method	Step&Repeat, Highend sCMOS	sCMOS,
Exposure time	133msec-10sec	998msec~10sec
Camera Gain	-----	-----
Detection Method	Evanescent-filed Excitation	Evanescent-filed Excitation
Liquid Phase Measurement	Possible	Possible
Scan Area	Standard=12x60mm (Expandable to 24x65mm)	25x75mm
Sensitivity	100pg/mL	2ng/mL
Resolution	6.5um	35um
Scanning Time	10sec (fastest), 80sec (at the Maximum Exposure time)	10ec (at the Maximum Exposure time)
Digital binning	2x2 mode, 4x4 mode	-----
Light Source	Metal Halide lamp	LED
Optical Filters	Cy3, Cy5, FITC (Max: 8 colors)	Cy3 monochromatic
Digital Resolution	16bits	16bits
Analysis Software	GlycoStation ToolsPro Ver3.0	GlycoStation ToolsPro Ver3.0
		
Size	440x592x585mm	350x280x350mm
Weight	67kg	10.4kg

Mx (emukk)
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