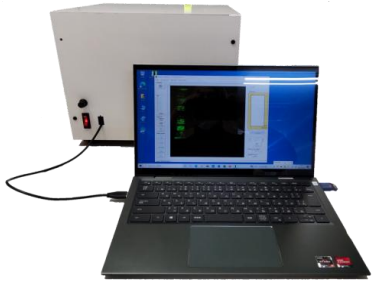
Spec Sheet

	Highend Glycan Profiler	Lowend Glycan Profiler	Lowend Glycan Profiler
Manufacturer	Mx	Mx	GlycoTechnica, Discontinued no manufacturing plan in Mx
Model	GlycoStation Reader 2300 (GSR2300)	GlycoSuperLite 2200 (GSL2200)	GlycoLite 2200 (GL2200)
FA-PC	Windows10 64bits	Windows10 64bits, Note-PC	Windows10 64bits
Scan Method	Step&Repeat, Highend sCMOS	No step&repeat motion, Lowend sCMOS,	Step&Repeat, Lowend sCMOS,
Exposure time	133msec-10sec	998msec~10sec	998msec~10sec
Camera Gain	----------	----------	----------
Detection Method	Evanescent-filed Excitation	Evanescent-filed Excitation	Evanescent-filed Excitation
Liquid Phase	Possible	Possible	Possible
Scan Area	Standard=12x65mm (Expandable to 24x65mm)	25x75mm	12x65mm
Sensitivity	100pg/mL typical Possible with only three cells	2ng/mL typical	2ng/mL typical
Resolution	6.5um	35um	6.5um
Scanning Time	10sec (fastest), 80sec (at the Maximum sensitivity with normal mode), 15sec (at the Maximum sensitivity with digital binning mode)	133msec (fastest) 10sec (at the Maximum sensitivity)	160sec (fastest) 560sec (at the Maximum sensitivity)
Digital binning	normal 1x1 mode, 2x2 mode, 4x4 mode	----------	----------
Ligjht Source	Metal Halide lamp	LED	LED
Optical Filters	Cy3, Cy5, FITC (Max: 8 colors)	Cy3 monochromatic	Cy3 monochromatic
Digital Resolution	16bits	16bits	16bits
Analysis Software	GlycoStation ToolsPro	GlycoStation ToolsPro	GlycoStation ToolsPro
			
Size	440x592x585mm	345x280x350mm	304x425x480mm
Weight	67kg	10.4kg	27kg