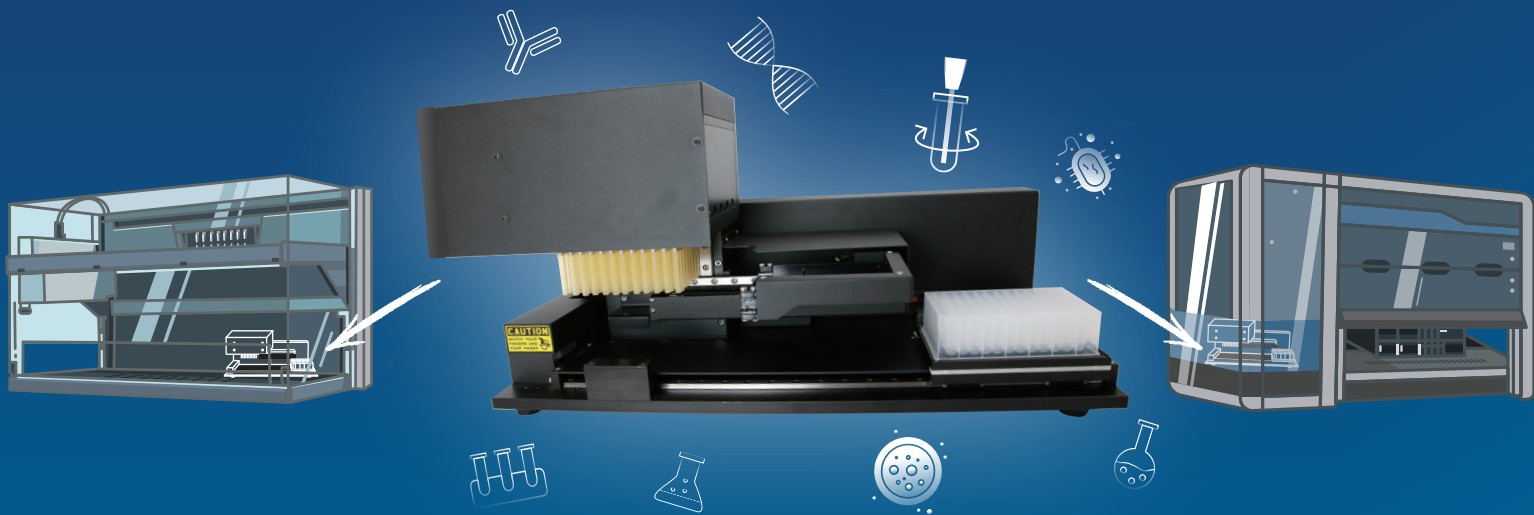


Maelstrom

M9610 LH IVD

Your best choice for liquid handling integration

Nucleic acid extraction, Cell isolation, Protein purification



productivity

>750
samples/day*

precision

CV
<3%

Efficiency

Time Reduced
>50%*

* calculated by COVID-19 extraction time
as 1 hour per run & 8 hours per day

* Comparing to **heater shaker** devices

Key Features



Patented unique whirl stirring technology

high consistency & sensitivity results with prevention of cross-contamination



High throughput

purify up to 96 samples simultaneously



All-In-One extraction module

easily integrated into leading brands of liquid handlers



Time saving

significantly reduce turnaround time of extraction process*¹



Cost-effective solution

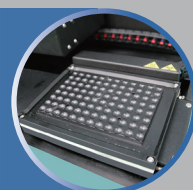
heavy-duty design, valuable investment & less pipetting tips consumed*²

Remarks:

*¹ Comparing with **heater shaker** devices *² Comparing to pipetting extraction systems

Model	Maelstrom 9610 LH TANBead Platform	Maelstrom 9610 LH Open Platform
Dimensions	542(W) x 285(D) x 305(H) mm	542(W) x 285(D) x 285(H) mm
Magnetic Rod Diameter	Ø2.2mm	Ø3.5mm
Magnet Force	>3,900 gauss	>4,700 gauss
Max. Capacity	350mg Magnetic Beads	1,038mg Magnetic Beads
Process Volume	50~1,600 µL	50~1,200 µL
Heating Block Type	TANBead Plate (2.2 mL)	96 Deep Well Plate U/V bottom (2.0 mL)
Heating Range	Room temperature up to +130 °C (+1 °C/step)	
Throughput	96 samples/run	
Spin Speed	500~3,000 rpm	
Communication	USB port x 1 (direct to PC)	
Spin Tip Sensor	Optical Type (Spin Tip mount & ejection)	
Weight	Approx. 25 kg	
Power Rating	100~240 VAC, 50/60 Hz, 3.0 A	

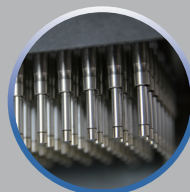
Heating
Block



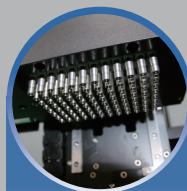
Tip Sensors



Magnetic Rods



96 Well Head



Shield
Plate

