

Arachem



Switch 8

Design for Diversity

I New Maelstrom Switch 8, an automated nucleic acid extraction system with changeable gearboxes that process small to large volumes.

Feature & Specifications:



Process Time

- Up to 16 samples in a single run
- from 25-60 mins



Flexible

- Changeable gearbox, 1-16 throughput
- Support from 50 µl -10 ml volumes



Performance

- Comparable to other models
- Spin speed: 3000 RPM
- Magnet Force: 4: 4700 gauss, 8/16 3900 gauss



Safety

- 100~240Vac, 2.3~1.1A, 50/60Hz
- UV sterilization with door sensor
- Heating range: RT~130



Intuitive Interface

- Pre-installed protocols with 100 programs storage
- 7" touch screen with error proof design



Convenient

- Able to fit in with Bio Safety Cabinet
- All M series kits compatible



Portable

- Instrument dimension and weight 524(W)x265(D)x412(H)mm / 16.5KG



Certification

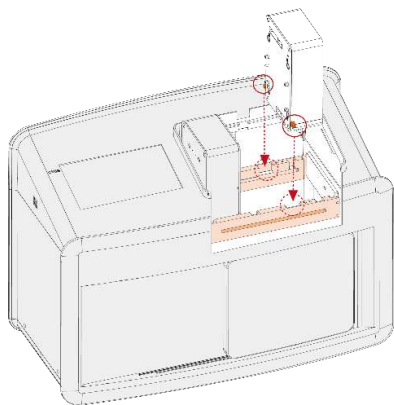
- ISO 13485: 2016
- IVDR (estimated 2023Q2)



REF	Maelstrom™ Switch8
Dimensions	524(W) x 265(D) x 412(H) mm
Power Rating	AC 100~240V, 50/60Hz, 2.3~1.1A
Weight	≈16.5kg
Max Throughput	Switchable 4/8/16 tests
Process Volume	4: 0.1-10 mL 8/16: 0.05-1.6 mL
Magnet Force	4: 4700 Gauss 8/16: 3900 Gauss
Spin Speed	4: 2,500 RPM 8/16: 3,500 RPM

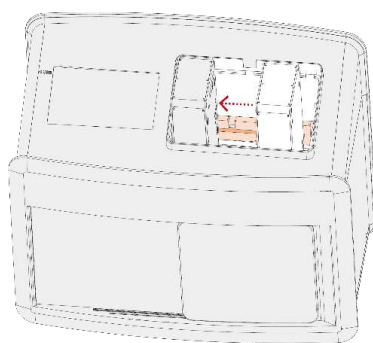
I How to Start

Sample throughput gearbox switch is easy and fast. It has error proof design with positioning post and detective sensor showing home screen accordingly.



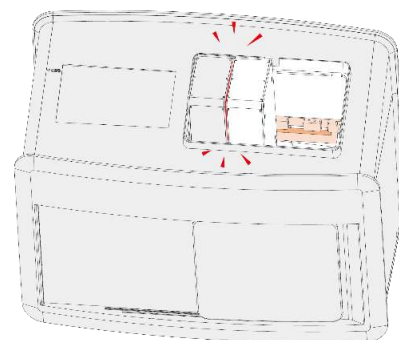
Step 1

Locate gearbox under guide rail



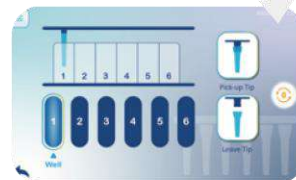
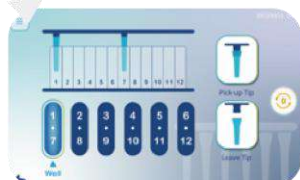
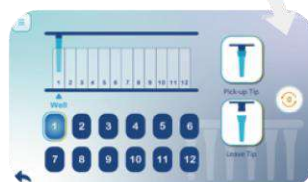
Step 2

Push gearbox to left

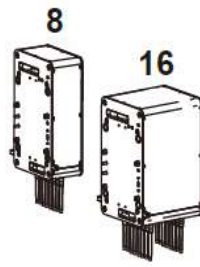


Step 3

Attach gearbox is firmly



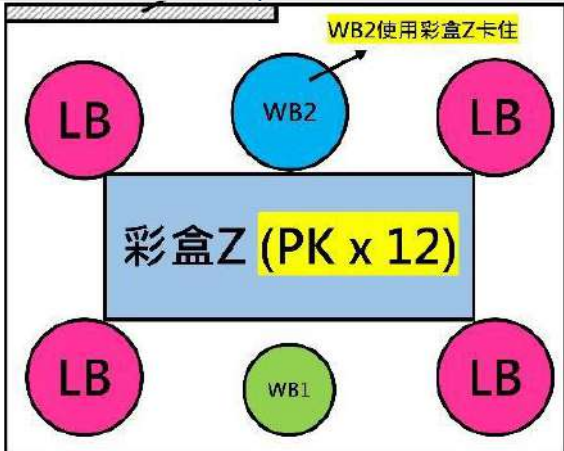
I Reagent Kits



Sample Type	8/16 tests / run (Sample input: up to 0.3 ml)	4 tests / run (Sample input: 1-6 ml)
 Blood	M61EA46 M61ES46	L91E045 (RUO)
 cfDNA	M61CA46 M61CS46	L91C045
 Plasmid	M6PEA46 M6PES46	LP9E045
 Plant	M613A46 / M6K3A46 M613S46 / M6K3S46	
 Tissue	M6T2A46 / M6K2A46 M6T2S46 / M6K2S46	
 Virus	M665A46 M665S46	
 FFPE	M61PA46 M61PS46	
 Stool	M6SCA46 M6SCS46	
 Food Feed	M6GMA46 M6GMS46	
 Environment	M6EMA46 M6EMS46	
 Bacteria	M61GA46 M61GS46	
 Forensic	M6TFA46 M6TFS46	

I Consumables



	8/16 tests / run (Sample input: up to 0.3 ml)		4 tests / run (Sample input: 1-6 ml)
Spin tips assembled box		Large spin tips	
		Spin tip holder	
96 deep well plate		24-well plate	
6-Tube B		Deep Well Large Volume Base	
16-Base B			
Prefilled Nucleic Acid Extraction Kits 96 test/kit		Bottle Format Nucleic Acid Extraction Kits 48 test/kit	
			



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