

The Maelstrom Switch 8 is an automated nucleic acid extraction system with changeable gearboxes that processes small to large volumes



Fast

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



Intuitive Interface

- Pre-installed protocols and can store up to 100 programs
- 7" touch screen with error proof design



Flexible

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



Convenience

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



Performance

- Fast and precise
- Efficient and robust



Portable

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



Design

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

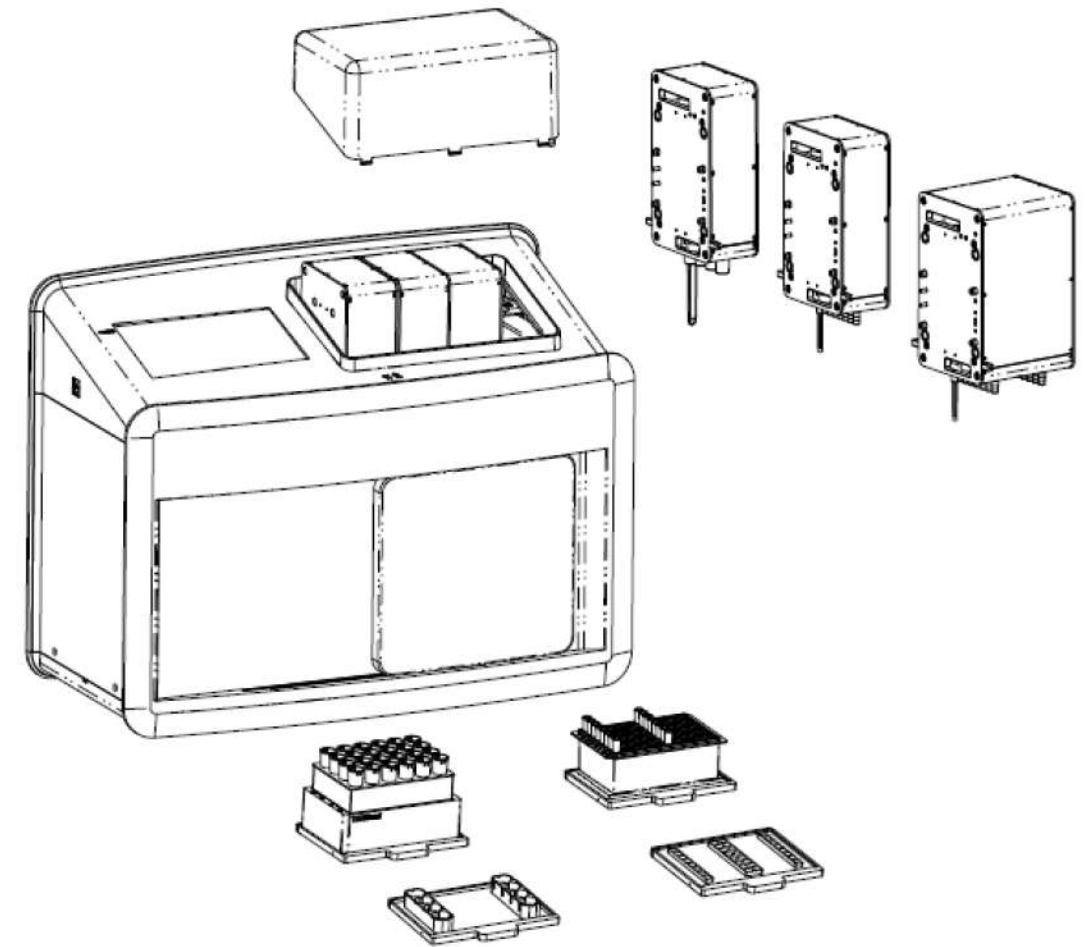


Certifications

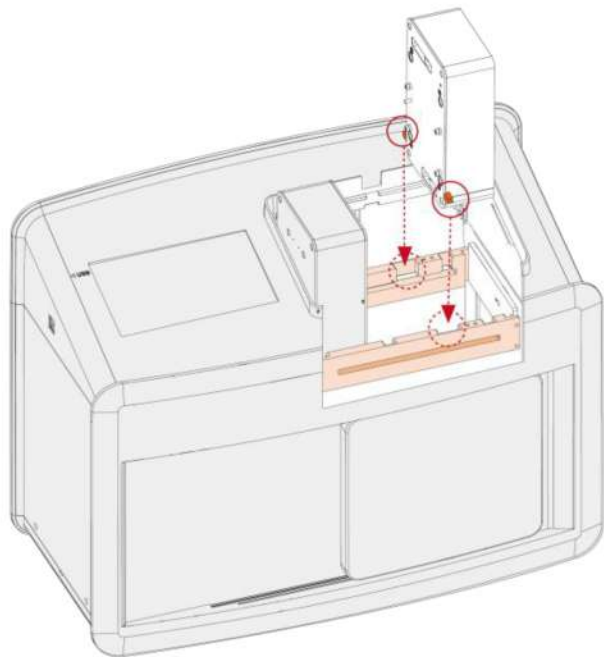
- ISO 13485: 2016
- IVDR



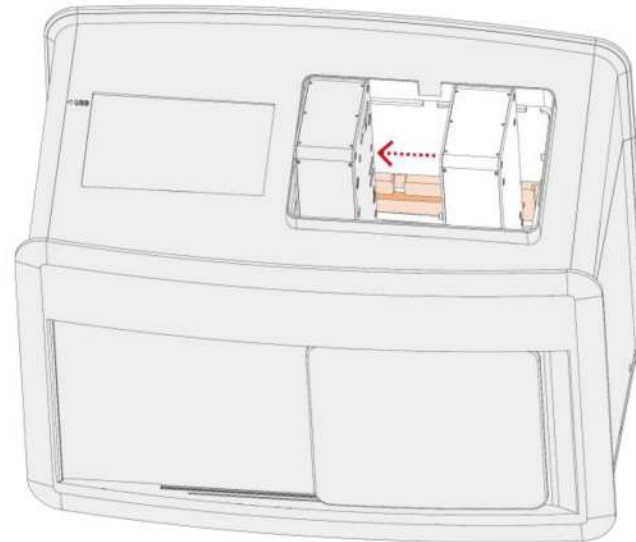
- ✓ Flexibility : Changeable gearboxes match TANBead's 96-deep well and 24-deep well plates
- ✓ Applications : Consumable parts support the sample volume from 100-10,000 μL
- ✓ Convenience : Fool-proof design helps prevent operation errors



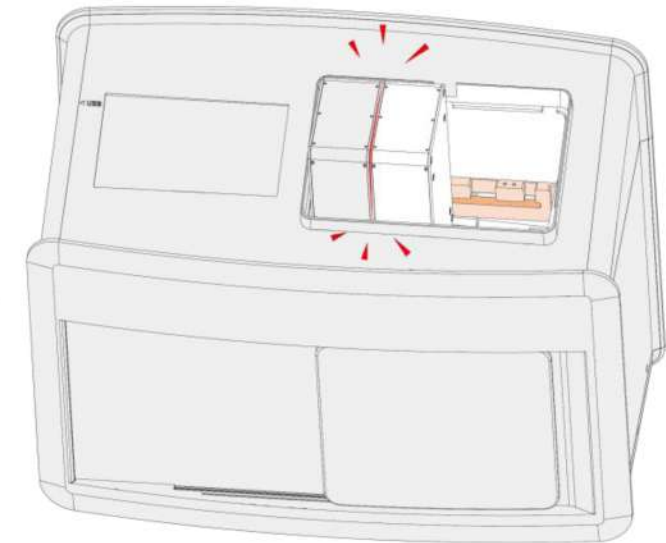
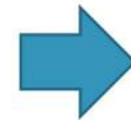
Sample throughput switch : changing the gearbox is easy and fast. It has an error proof design with a positioning post and a detection sensor.



Step 1 : Locate the gearbox under the guide rail

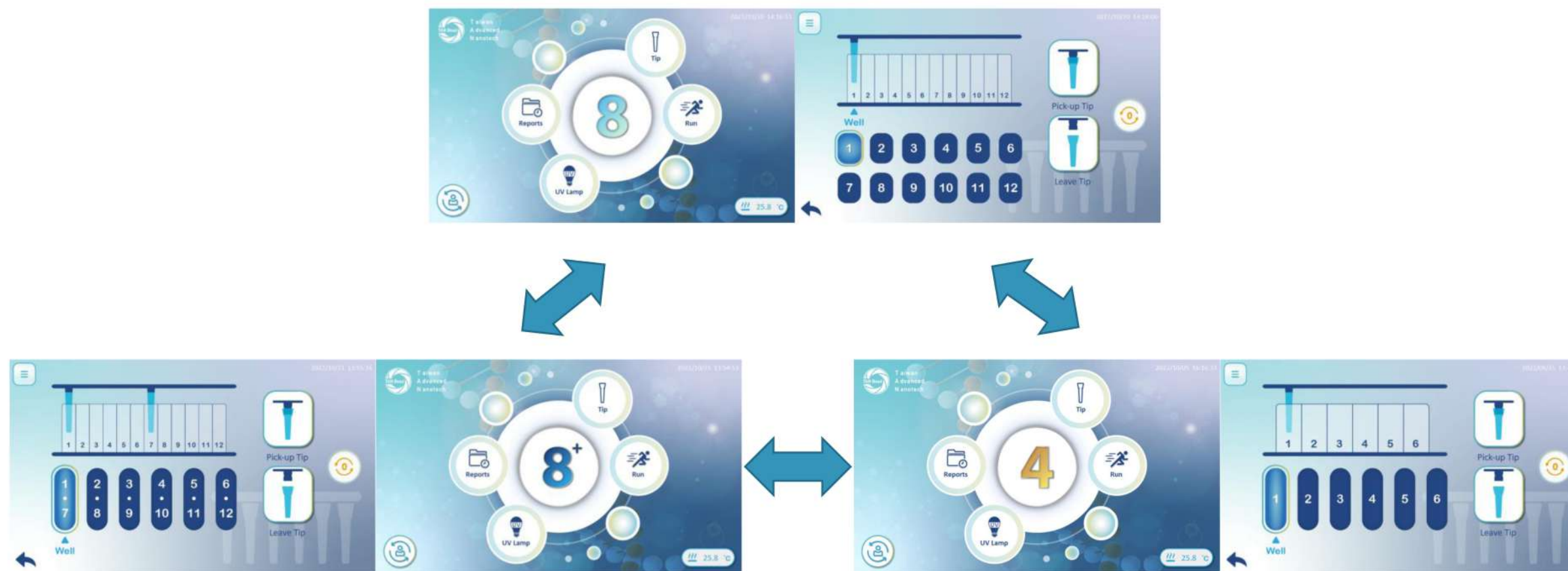


Step 2 : Push the gearbox to the left



Step 3 : Make sure the gearbox is attached firmly

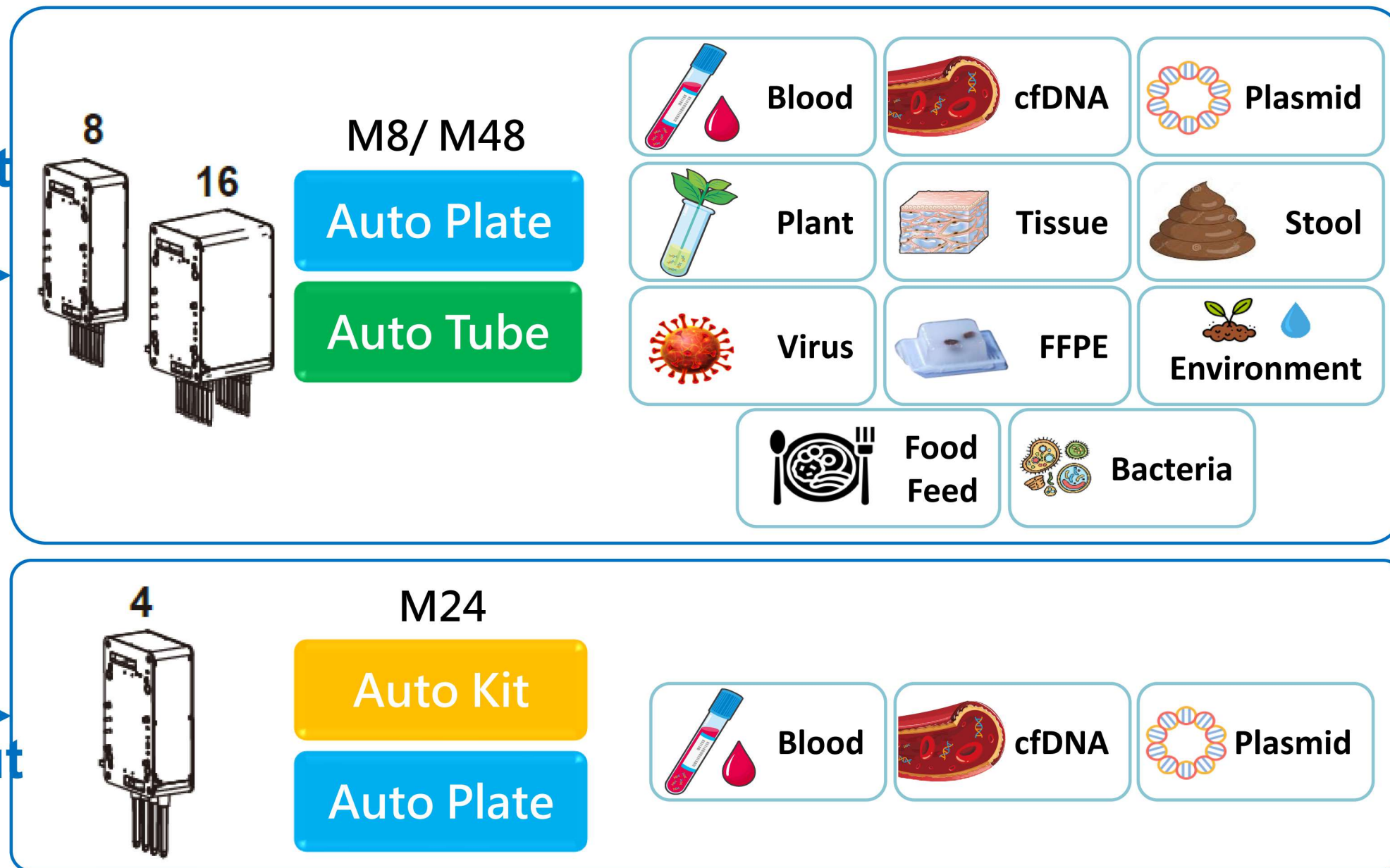
When the gearbox is changed, our system will detect the gearbox type and show the home screen accordingly.



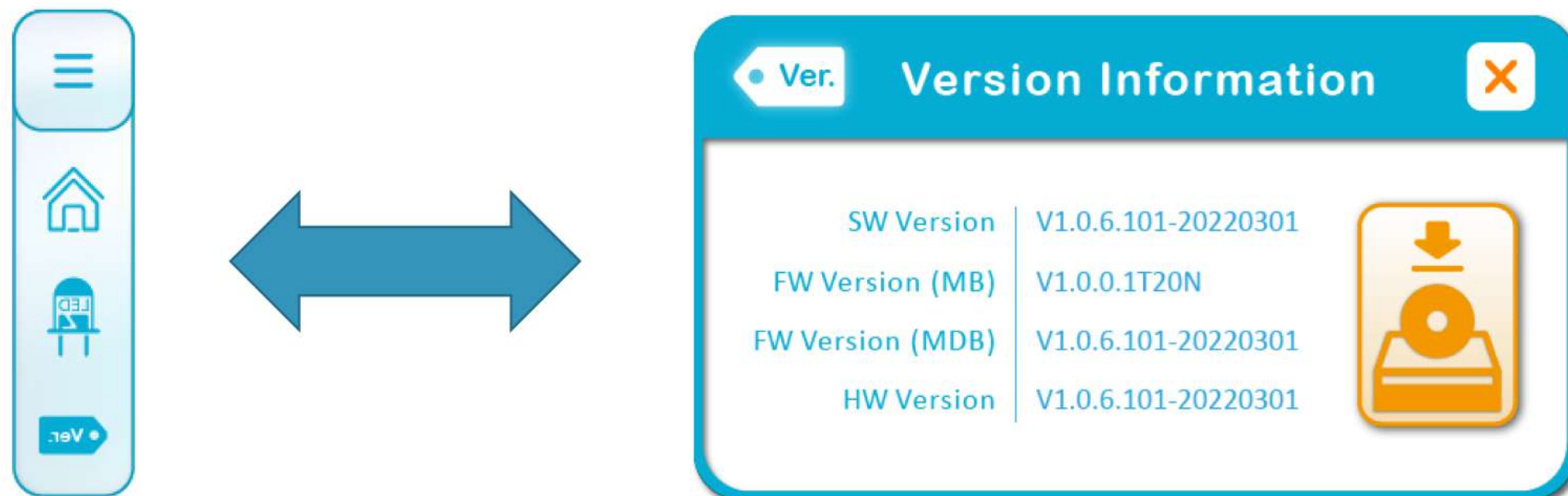
**Low Sample Input
(0.3 mL)**



**High Sample Input
(1 - 6 mL)**

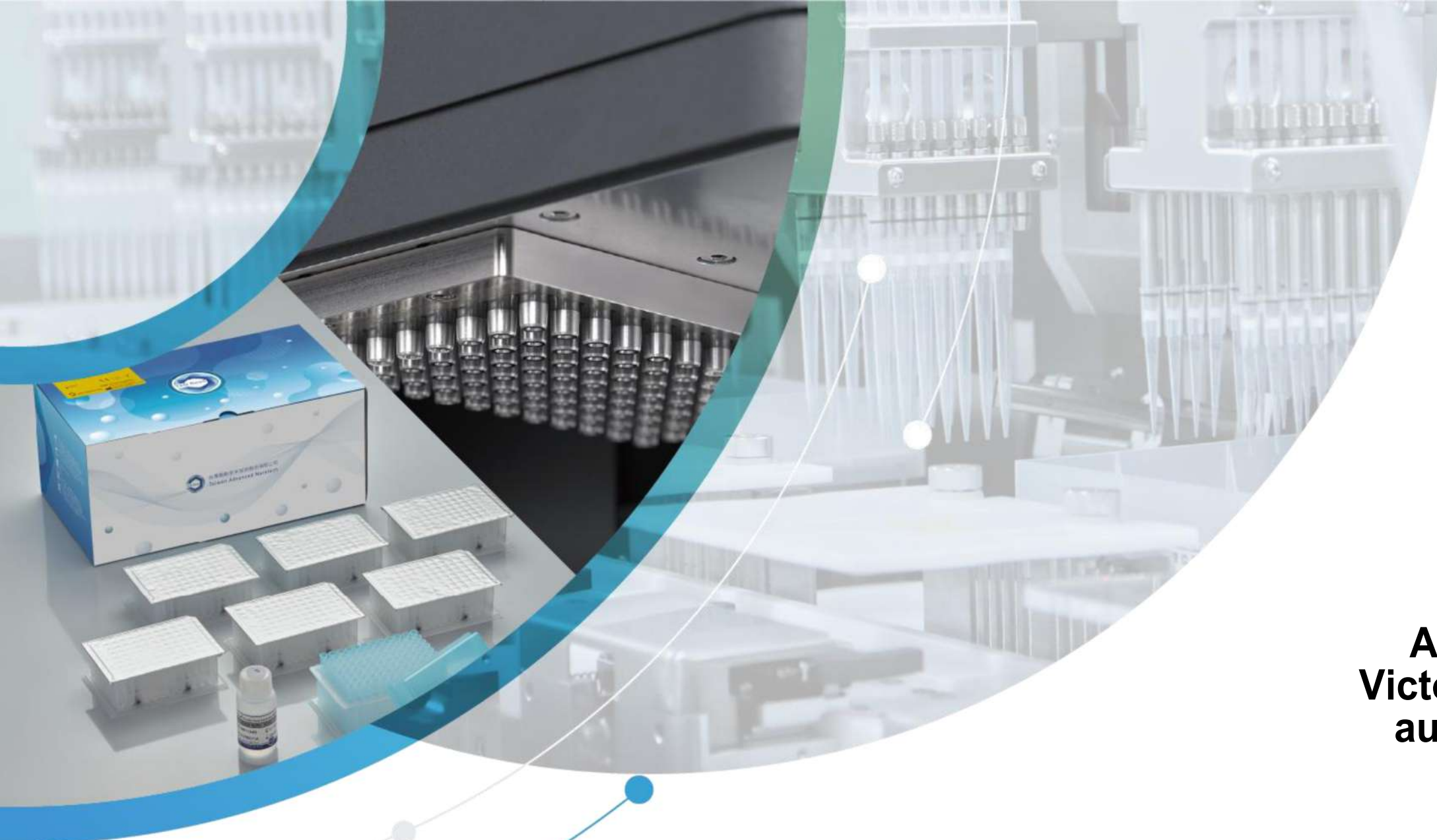


The Switch 8 toolbar allows customers to get instrument information quickly.





REF	Maelstrom Switch8
Dimensions	524(W)x265(D)x412(H)mm
Power Rating	AC 100~240V, 50/60Hz, 2.3~1.1A
Weight	≈20kg
Max Throughput	4/8/16
Process Volume	4: 100~10,000uL 8/16: 50~1,600uL
Magnet Force	4: ≈3,900 Gauss 8/16: ≈4,700 Gauss
Spin Speed	4: 500~3,000RPM 8/16: 500~3,000 RPM
Display	7" Touch Screen
UV Lamp	Yes



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TANBEAD

**Available only through
Victory Scientific and our
authorized distributors.**



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