

PRODUCT CATALOGUE

13th Edition



RWD Life Science

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RWD Life Science

RWD not only focus on individual instrument, but also whole solution

we are all with you



Learn more about us at:
www.rwdstco.com



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RWD

Introduction

Established in 2002, RWD Life Science has been dedicated to being a leading manufacturer in research and veterinary equipments worldwide. We specialize in anesthesia, physiological and surgical equipments, used by pre-clinical researchers and veterinarians. Our mission is to provide high quality products and integrated solutions for our customers with prompt and professional support.

For more information about our supplies, such as Laser Speckle Perfusion Imager, Anesthesia Machine, Ventilator, Stereotaxic Instrument, Syringe Pump, Cannula System and Surgical tools, please check our website: www.rwdstco.com

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Minux[®] Rotary Microtomes



Precise

- Precise motor stepping system to ensure section quality.
- Adjustable speed (0-1800µm/s)for better sample control.
- Patented visual pointer identification,keep samples at the same angle and achieve accurate sample positioning.



Convenient

- Stylish and simple operation interface,easy to learn and understand.
- The 5-inch capacitive touch screen is easy to operate.
- The side sampling knob is ergonomically designed to make operation more comfortable.



Safety

- Knife guarding and retracting device, double lock system of handwheel to protect the safety of the operator.
- Alarm function of remaining injection to prompt the sectioning process in time.
- Handwheel dual lock system,lock the handwheel at any position and enhance the protection of the operator.



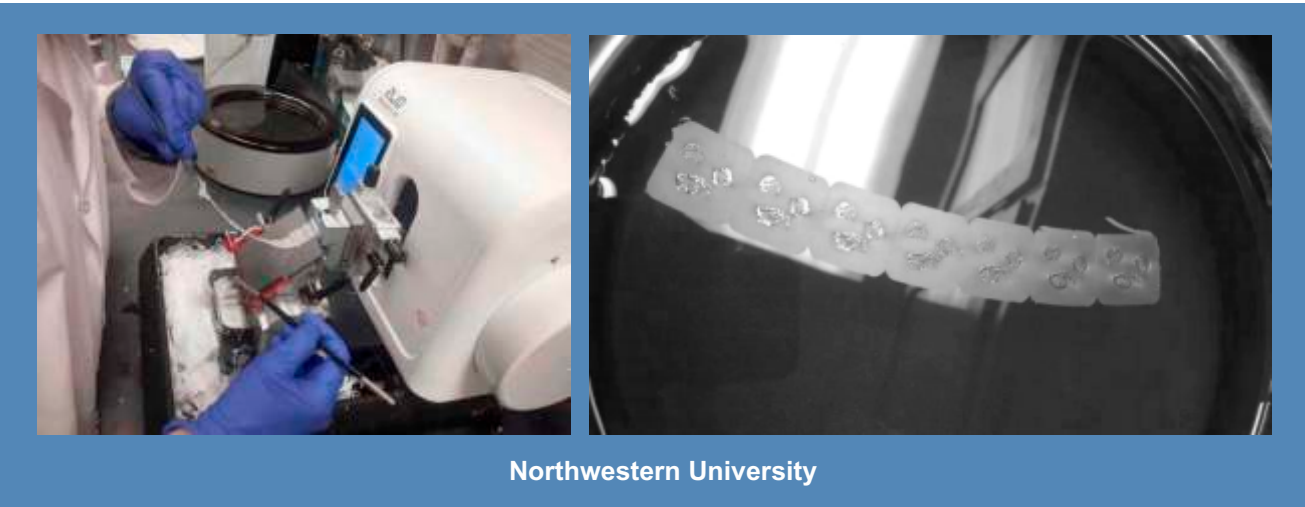
Intelligent

- The half-knife repair function simplifies the operation process,saves time and effort.
- Sample position memory function, one-click reset, improve sectioning efficiency.
- The historical record system can query the equipment usage and facilitate information tracking.

Technical Parameters:

Model	S700 Semi-Automated	S700A Automated
Section thickness setting range: 0.50 - 100 µm	√	√
Trimming section thickness setting range: 1 - 800 µm	√	√
Electric sectioning speed: 0-1800µm	√	√
Specimen retraction: 0-250µm	√	√
Specimen feed: 28mm, Vertical stroke: 70mm	√	√
Specimen orientation: X/Y axis 8°	√	√
Maximum specimen size: 55*50*30mm	√	√
Fully motorized and semi- motorized mode switch		√
Emergency stop button		√
Cut window function		√
Slice speed selection		√
Multiple slice modes		√
Pedals		√

Customer Cases:



Northwestern University

Disposable Microtome Blades

- Sharp and durable, cost-effective
- For rotary microtomes and cryostats use
- Packed in a push-out distribution box for easy access

Model	PB-1
Size	80*8*0.25 mm
Angle	35°
Packaging	50 pcs

Minux® Cryostats



Features:

- The half-knife repair function simplifies the operation process.
- Automatic knife setting, saving operation time,fast and accurate sectioning.
- Case and sample head dual cooling mode.
- Both the freezing table and the heat absorption block can quickly cool the sample. The heat absorption block flattens the sample and reduces the number of tissue repairs.
- Sample head adjustment, X / Y axis direction 8 °, Z axis can rotate 360° .
- Anti-roll plate to prevent tissue sections from curling.
- Audible and visual alarm when the horizontal sampling stroke is 1mm remaining.
- UV disinfection.

Technical Parameters:

Model	FS800 Semi-Automated	FS800A Automated
Section thickness setting range: 0.50 - 100 μm	√	√
Trimming section thickness setting range: 1 - 600 μm	√	√
Electric sectioning speed: 0-1800μm ajustable	√	√
Specimen retraction: 20±5μm	√	√
Specimen feed: 28mm, Vertical stroke: 70mm	√	√
Specimen orientation: X/Y axis 8°	√	√
Number of refrigerated sites: 15, Number of fast cooling sites: 2	√	√
Freezer refrigeration temperature: 0℃～－35℃	√	√
Sample head minimum cooling temperature: －50℃	√	√√
Fully automated and semi- automated mode switch		√
Emergency stop button		√
Cut window function		√
Slice speed selection		√
Multiple slice modes		√
Pedals		√

Microcentrifuges



Features:

- Maximum capacity: 24 × 1.5/2.0 mL
- Maximum speed: 21,130 × g (15,000 rpm)
- Temperature control range: -10 °C to +40 °C; only take 8 minutes from room temperature to 4°C (Fast temperature mode); the temperature remains 4°Cat the highest speed.
- Touch screen as well as push button design, for clearer display of the parameters and easier operation.
- RT mode and Cooling mode, one keyboard toggle.
- Automatic countdown display mode under unmanned status while spinning.
- Highly intelligent analysis software: the LED display allows you to preprogram.
- 12 programs simultaneously for directly use.
- Multiple abnormal alarm including over-speed, over-temperature, as well as unbalance, ensuring the safety of the operation of the user.
- Rear-mounted compressor design, saving space.

Technical Parameters:

Technical Item	Specifications
Temperature range	-10 °C to +40 °C
Max. speed	21,130 × g (15,000 rpm)
Max. capacity	24 × 1.5/2.0 mL
Display	4.3-inch touchscreen, 800*480 px
Dimensions (W×D×H)	300mm*514mm*297mm

Order Information:

Model	Product Description
M1324	High-Speed Microcentrifuges
M1324R	High-Speed Refrigerated Centrifuge