

# RWD

## Technical parameter

**Section thickness range:** 0.5 - 100 μm

0.5 - 5μm in 0.5 μm increments

5 - 20μm in 1μm increments

20 - 30 μm in 2μm increments

30 - 60μm in 5μm increments

60- 100 μm in 10μm increments

**specimen retraction:** 0-250um adjustable

**Specimen feed:** 28mm, vertical stroke: 70mm

**Specimen orientation:** 8°(X-,Y-axis), 360° rotation of specimen disc

**Electric coarse feed:** 0-1800μm/s

**Cryochamber temperature range:** 0~-35°C

**Specimen Cooling(optional) temperature range:** -10°C~-50°C

**Quick-freeze shelf minimum temperature:** down to -42°C,at chamber temp.-35°C

**Trimming section thickness range:** 1 - 800 μm

1- 10μm in 1μm increments

10- 20μm in 2μm increments

20- 50μm in 5μm increments

50- 100μm in 10μm increments

100- 800μm in 50μm increments

**Number of freezing stations:** 15

**Peltier element temp.:** Reduced to -50°C~-60°C within 3 minutes, at chamber temp.-35°C

**Number of freezing stations:** 2

**Defrost:** Automatic defrost,manual defrost

**UVC disinfection:** 30 or 180 minutes, user selectable

**Section mode:** Automated section, manual section

**Automated section:** Single, Cont., Int., Multi.

**Automated section speed:** 0.5~450mm/s

Cutting window and pedals only for automated section

## Customize on demand

Users can choose different configurations and functions according to their needs.

Model	Type	UVC disinfection	Vacuum	Specimen cooling system	Auto section
FS800	UV	√			
	Specimen	√		√	
	Vacuum	√	√	√	
FS800A	Auto	√		√	√
	Max	√	√	√	√

### RWD Life Science Co.,Ltd

Add: 19-20/F, A Tower, Building7, Shenzhen International Innovation Valley, 1 Dashi Road, Nanshan District, Shenzhen, P.R. China  
Tel: (86)-755-86111286 ext 8283 Web: www.rwdstco.com E-mail: sales@rwdstco.com

### RWD Life Science Inc.

Add: 850 New Burton Road, Suite 201, Dover, DE 19904, U.S.  
Tel: (858)900-5879 E-mail: sales@rwdstco.com

RWD Minux® Cryostats V1.0-2020601-EN

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# Minux® Cryostats

## High quality sectioning



### Advanced temperature control system

Small temperature fluctuation range, more precise temperature control. It helps cut out high-quality slices.



### High precision stepper motor

High precision sectioning with stepper motor sample feed.



### Visual pointer

Sample adjustment angle can be displayed directly. It facilitates the precise adjustment of the sample to reach the target position.



### Specimen cooling system

Specimen cooling system (optional) maintains the ideal object temperature for specific specimens through various methods include compressor, refrigerant, electronic refrigeration and so on.



### Anti-roll function

- Anti-roll plate prevents slices from curling
- The optional vacuum sectioning aid achieves time-saving section preparation and reduces section curling



## Safety



### UVC disinfection

- For an extra measure of safety, the inside of the instrument features an ozone-free UVC disinfection system.
- UVC disinfection at any time and temperature.



### Remove Section Waste

- Section waste is easily removed by using the optional Section Waste Removal System.
- To protect the laboratory environment from contamination, a multi-filter system removes particulates and cleans the air from the removal system.



### Ergonomic design

- Ergonomic exterior cabinet design with rounded edges and comfortable working height.
- For individual user comfort, the high adjustable foot rest are available as optional accessories.

## Efficient and convenient



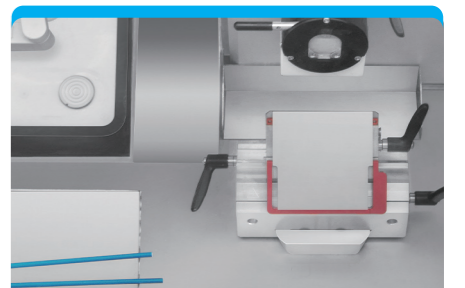
### Quick operation

- Touch screen design, intuitive and easy to operate.
- Supplemented with joystick and buttons to control, multiple operation ways to fulfill user's different needs.



### Auto section

- For extra ease of use and consistent sectioning of all specimen types, an optional auto section is available.



### Spacious cabinet

- The bright cryocabinet is spacious enough to allow efficient handling of multiple specimens.
- Automatic defrost or manual defrost for good cooling efficiency.