Roundfin

SEMI-AUTO/MANUAL TISSUE CRYOSTAT MICROTOME; MODEL NO.: RD-2280

ABOUT THE PRODUCT

RD-2280 is the new upgraded "Roundfin" brand Cryostat Microtome! This is an indispensable assistant for rapid pathology testing! This device use touch screen,large screen with all settings at a glance for the operator is very convenient and saves time. It used in conventional histology and Mohs surgery, produces high-quality tissue sections in a fast, simple, and efficient way.

Option 1:
Upgrade your frozen slicing experience with our cutting-edge Air Circulation Enhancement feature. Embrace efficiency and excellence with the Air Circulation Enhancement – where innovation meets perfection.
Option 2: Cryogenic Chamber Cleansing System.

The vertical cross section of the rack ball is designed
The use of frame cross-ball vertical section design, and the transmission part places in the freezer chamber. while the vertical stroke ean be 72mm,specimen horizontal stroke can be 22mm,you can cut more large sample.

The machine adopts frame suspension structure
This machine adopts the frame suspension structure, the chassis shell is only play the role of protection and occlusion which makes the machine more stable to operate even though in ong-distance transport, to make sure 1um is precisely sliced.

CRYOSTAT MICROTOME

10-inch LED Touch Screen

Quick operation button

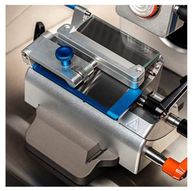
Manual handwheel

Liquid collector

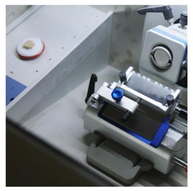
Heat Dissipation

Freezing hammer

Specimen chuck



Blade holder



Peltier freezing shelf

UV sterilize

INNOVATION • QUALITY • RELIABLE
★★★★★

DANFOSS(SECOP) BRAND COMPRESSOR

- A large-size quick-freezing shelf allows for the preparation of 24 specimens at the same time.
- The specimen retraction function: prevents specimens from accidental blade damage.This function can be turn off.
- The unit can be defrosted manually or by a controlled time setting.
- High quality LED screen to show all the user specification data.
- High bright and low power LED light, to support the stable bright light.
- UV sterilize function. Equipped with cleaner. Quickly to collect the wastes in the chamber.
- The hand wheel with 16 poison. To be sure the safety.
- The cryostat with two German original Danfoss brand compressors. Special cooling for chamber, for freezing shelf, for knife blade,and the specification.
- Closed freezer cover plate to ensure that cold in the coolingstation isnot lost.
- Fully enclosed structure, making cleaning up the sample waste is more simple and convenient.
- Fully enclosed structure, more beautiful and refined.

Model No.RD-2280	Specification List
Section thickness range:	0.5μm-100μm adjustable 0.5μm-5μm, in 0.5μm increment 5μm-20μm, in 1μm increments 20μm-50μm, in 2μm increments 50μm-100μm, in 5μm increments
Trimming thickness range:	1μm-600μm adjustable 0μm-50μm, in 5μm increments 50μm-100μm, in 10μm increments 100μm-600μm, in 50μm increments
Tissue Retraction function:	0μm-100μm adjustable; in 2μm increment
Peltier cooling working time:	15 minutes
Freezing chamber temperature range:	0℃~-60℃
Speed of fast-forward and back-forward:	0.9mm/s、0.45mm/s
Specimen head minimum temperature range:	0℃~-60℃
Maximum specimen size:	55mmx80mm
Freeze shelf minimum temperature:	0℃~-60℃
Specimen vertical stroke:	≥65mm
Lowest temperature of Peltier units on freezing shelf:	-60℃
Specimen horizontal stroke:	≥22mm
Power:	500W
Voltage and frequency:	AC220V+10%, 50Hz(Standard); 110V+10%, 60Hz
Net weight:	180Kg
Dimensions(WxDxH):	700MMx760MM×1160MM
Disinfection method:	UV
The specimen holder can be cooled down to minus 50°C within just 5-8 minutes upon startup.	
24 cryobar storage positions including 6 quick freeze location	

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