

Cryostat YD-2235



Product specifications :

- Extra large freeze chamber has UV light sterilization, automatic defrost, and standby mode.
- LED touch screen.
- Double compressor system allows for fast freezing and robust lifespan of cryostat, and total 5 parts including Chamber.
- Knife holder is fully adjustable with anti-rolling plate and blade guard.
- Trimming/Cutting button makes it easy to switch from trim and section mode.
- Temperature can drop to working condition in 40 minutes after switching on.
- Two defrost methods.
- Self-explanatory symbols for all functions and displays.
- Temperature control.
- Sensor self-diagnosis function.
- Wide freezing shelf can put 36 specimens discs and including 8 stations with the Peltier fast-freeze mechanism (blue).

Technical Data

Freeze chamber temperature range	0℃ ~ -50℃
Blade holder and clamp temperature range	0℃ ~ -50℃
Cooling down time to -60℃	40 min
Freeze shelf routine temperature	0℃ ~ -50℃
Lowest temperature of Peltier unit on freeze shelf	-60℃
Peltier working time	≤ 5 minutes
Maximum specimen size	65mm×80mm
Specimen vertical stroke	85mm
Specimen horizontal stroke	22mm
Coarse feeding speed	0.8mm/s; 0.4mm/s
Section thickness range	1 ~ 100μm
	0.2μm ~ 100μm adjustable
	0.2μm ~ 5μm, in 0.2μm increments; 5μm ~ 20μm, in 1μm increments; 20μm ~ 60μm, in 2μm increments; 60μm ~ 100μm, in 5μm increments
Trimming thickness range	0μm ~ 600μm
	0μm ~ 600μm adjustable
Retraction range	0μm ~ 60μm, in 5μm increments; 60μm ~ 100μm, in 10μm increments; 100μm ~ 600μm, in 50μm increments
	0μm ~ 60μm adjustable, in 2μm increments
Voltage and frequency	AC220V ± 10% 50Hz (Standard)
Power	500W
Weight	15kg
Dimensions(W×D×H)	700×760×1180mm