

CryoStar™ NX70 Cryostat

Key Features

Epredia CryoStar™ NX70 Cryostats are designed to take precision sections of frozen tissue specimens including in medical, pharmaceutical and industry laboratories.

With the quick transition from mounting tissue to ready-to-cut with quick freeze and setup features, the CryoStar NX70 cryostat helps get results for patients quickly. The CryoStar NX70 cuts tissue samples more efficiently with improved stability and individually controlled temperature settings on both the object holder and blade carrier for high-performance sectioning.



Key Features

Height Adjustment	Integrated, variable height adjustment from 82 – 122 cm allows end user to choose between a seated or standing working position at the correct height suitable for them.
Illumination	Adjustable LED chamber lighting – allows end user to select the optimum light intensity for the environment.
Temperature Adjustment	Precise temperature control at the specimen holder, the blade holder and at the cryobar . Controlled cooling to these key components allows rapid adjustment and accurate sectioning and reduces ice crystal formation.
LCD Touchscreen Control Panel	Integrated touch-screen control and intuitive user interface – allows for easy operation and training
Multifunction Joystick Control	Serves as a central point of adjustment and control for common sectioning functions . Provides control of forward and backward movement of knife holder. Provides adjustment for trim and section thickness settings. Provides easy switch between coarse and fine advance while sectioning. Switch between advance/retract and trim/section settings is intuitive and fast.
Safety in Cutting Start	Double-Tap start of motorized cutting – prevents accidental starts and improves end user safety
Vertical Cutting Stroke	64 mm vertical cutting stroke – gives the end user ability to work with a wide size range of specimen types
Cutting Mode	4 cutting modes provided- Internal, single, multi-and continuous-stroke
Cold-D Disinfection System (optional feature)	Cold D disinfection system with 50-minute cycle time - Evenly diffuse a safe disinfectant throughout the cold cryochamber. Has rapid on-demand or scheduled disinfection mode for user flexibility.
Data Log	On-screen data log – gives end user ability to check operations data easily
Ergonomics	Form fitting ergonomic shape – enables the user to sit closer to the cryostat Form fitting design of the arm rests - enhances operator comfort while seated or standing
Language Options	Multiple operation languages – allows end users to switch between languages easily during operation