



## Epredia™ HM 525 NX Cryostats



Deliver high quality routine results comfortably and efficiently with a high performance routine cryostat with intuitive software and touchscreen for simple, efficient operation.

- Cryochamber with chamber cooling to  $-35^{\circ}\text{C}$ , 27 cryobar storage positions including 4 quick freeze locations, integrated peltier fast freezing device rapidly cools to  $-57^{\circ}\text{C} \pm 3^{\circ}\text{C}$ , and programmable and immediate defrost options
- Microtome with manual light touch rotary flywheel, section thickness from 1 to 500 $\mu\text{m}$ , memory function for rapid advance and specimen positioning, vertical stroke length of 60mm, 28mm horizontal feed range, 40 $\mu\text{m}$  specimen retraction on return stroke, and XY specimen orientation with  $360^{\circ}$  Z axis rotation
- Mechanical handwheel lock
- Optional UV disinfection
- Automatic specimen retraction on return stroke
- Touch screen operation with intuitive software to accommodate multiple users
- Supplied with 6 x specimen stages (30mm), freezing medium (118mL), cryostat oil (118mL), section waste tray, debris brush, sectioning brush, tools and operator guide
- Dims, w x d x h: 759 x 760 x 1150mm

Code	Alt Ref	Description	Price
<b>HIS3102</b>	956650	HM 525 NX cryostat	<b>£20058.00</b>
<b>HIS3104</b>	956651	HM 525 NX cryostat with UV disinfection	<b>£21109.00</b>

### Accessories

Code	Alt Ref	Description	Pack	Price
<b>HIS3140</b>	175200	Sanosil S010 disinfectant	5L	<b>£116.00</b>
<b>HIS3160</b>	705470	Disposable blade carrier EC for HM 520, HM 525, HM 550	Each	<b>£1569.00</b>



## Epredia™ CryoStar™ NX50 and NX70 Cryostats



The NX50 and NX70 utilise a rapid response cooling system that actively cools all areas of the cryochamber that come in contact with the sample, including the specimen clamp, cryobar and blade. The result is precise temperature control and half the energy consumption of other routine cryostats. Low energy LED lighting with user-adjustable intensity is also included.

- Optimal sectioning quality and unmatched ergonomics and safety
- Designed to accommodate the needs of the routine clinical laboratory
- Form-fitting design
- Touch screen interface and intuitive software allows the user to view and adjust the following parameters: temperature, section thickness, remaining blade holder travel, sectioning and trimming thickness and all other instrument settings
- Standby mode for energy savings and noise reduction
- "Green instrument" 0.30kW/hr measured during a regular day running mode (7.2kW/day)
- Specimen retraction
- Manual handwheel lock secures the upper position of specimen head

Microtome Specifications	
Section Thickness, $\mu\text{m}$	0.5 to 500
Vertical Stroke Length, mm	64
Horizontal Feed Range, mm	48
Specimen Retraction, $\mu\text{m}$	20