

# H/ HACKER-BRIGHT 2212 MICRO CRYOSTAT

## THE WORLD'S SMALLEST CRYOSTAT!

Not since microtome cryostats were first introduced has there been an innovation like the Micro 2212... Imagine! A microtome weighing under 5lbs; that can be moved in or out of the chamber in 10 seconds; in a cryostat weighing only 81 lbs. All professional facilities for surgical pathology are provided, including auto-defrost, freezer bar, digital temp displays, automatic advance and anti-roll device, unique magnetic disposable blade holder and fully programmable auto-defrost.



### ***Fast, Easy, Efficient & Portable!***

- \* EXTREMELY USER FRIENDLY. Even the inexperienced user can obtain good quality sections with the Micro Cryostat 2212.
- \* ELEGANT APPEARANCE. Cabinet made of ABS polymer and PVC-coated steel for durability and ease of cleaning.
- \* COMPACT CHAMBER. Of stainless steel construction, the working chamber is convenient to use, easy to clean and resists common decontaminating agents. It's relatively small size ensures rapid cool-down times.
- \* ECONOMICAL OPERATION. While not in use, an insulated cover is pressed in place to ensure efficient running of the refrigeration system and to reduce frosting. If transported the chamber will remain cold for prolonged periods.
- \* UNIQUE MICROTOME. Designed specifically for the Micro 2212, the microtome weighs under 5lbs., yet is capable of cutting a wide range of specimens. Taking only seconds to remove from the chamber, the microtome is easy to clean, resists corrosion and is easy to service. Very little routine maintenance is needed.
- \* LONG LIFE BLADES. The Magnacut system is fitted as standard, using long-life disposable blades for quick results and freedom from the need to re-sharpen. An adjustable anti-roll plate is employed in the conventional manner.
- \* CHOICE OF OPERATION. The Micro 2212 is fitted with either a handwheel or a lever to operate the microtome. Lever is easily removed from microtome for storage.



**HACKER-BRIGHT**  
*Micro Cryostat 2212*

## *Specifications*

<i><b>Cryostat:</b></i>	
<b>Refrigeration:</b>	Sealed unit, 210 compressor, for 110/115V ,220/240V (other voltage options available), using ozone-friendly, CFC-free refrigerant.
<b>Chamber Temp:</b>	Ambient to -30EC, thermostatic control with digital display of set and actual temperatures.
<b>Defrosting:</b>	Automatic programmable defrost with manual override.
<b>Chamber:</b>	Stainless steel with freezer bar and storage shelf, both detachable.
<b>Cabinet:</b>	Shell of ABS polymer and PVC coated sheet steel.
<i><b>Dimensions:</b></i> inches (mm)	
<b>Overall:</b>	28.5 (740) X 17.2 (545) X 11.8 (315) l x w x h
<b>Chamber:</b>	9.1 (230) x 8.9 (225) x 4.5 (115)
<b>Bench Weight with Microtome:</b>	81lbs. 37 kg. (48 kg for shipping)

<i><b>Microtome:</b></i>	
<b>Movement:</b>	Radial, flat cutting with handwheel or lever operation.
<b>Stroke:</b>	30mm
<b>Max Specimen Size:</b>	22mm diameter
<b>Advance Range:</b>	2 - 12Fm in 2Fm increments. 4 - 24Fm optional.
<b>Excursion:</b>	10mm
<b>Knife Holder:</b>	Magnetic. Adjustable tilt angle 0 -12E. Integral anti-roll plate.
<b>Knives:</b>	H/I special semi-disposable blade, 55 X 19mm (restroppable).
<b>Anti-roll System:</b>	Built-in, adjustable, with plastic anti-roll plate.
<b>Dimensions: in (mm)</b>	5.9 (150) X 4.7 (120) X 3 (76) l x w x h
<b>Weight:</b>	4.6lbs.; 2.1kg

*To order, see price list for:*      **Hacker-Bright Micro Cryostat 2212 — with handwheel..... 11 50 04**  
with lever..... 11 50 01

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