

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

Microm: HM505E Cryostat

RRID:SCR_018595

Type: Tool

Proper Citation

Microm: HM505E Cryostat (RRID:SCR_018595)

Resource Information

URL: <https://ctac.mbi.ufl.edu/histology-self-serve/microm-cryostat/>

Proper Citation: Microm: HM505E Cryostat (RRID:SCR_018595)

Description: Electronic microtome cryostat upright standing with open top working area that can cut temperature to negative 35 degrees Celsius. Equipped with automatic 24 hour defroster with interrupt key and handwheel brake. Provides protection for knife and specimen as it retracts specimen at the end of the cut. Motorized coarse feed system allows sample to be moved forward and backward. Two knife carriers are available. Standard knife carrier is for knives to be easily clamped in place and adjusted, and the disposable blade holder EC for high- and low-profile blades.

Resource Type: instrument resource

Keywords: Cryostat, Instrument, Equipment, Microm, USEDit, ABRF

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018595.pdf

Resource Name: Microm: HM505E Cryostat

Resource ID: SCR_018595

Alternate IDs: SCR_020257, Model_Number_HM505E

Alternate URLs:

<https://sharedlab.bme.wisc.edu/labs/2048/equipment/cryostat/MicromHM505Emanual.pdf>

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260829T182548+0000

Ratings and Alerts

No rating or validation information has been found for Microm: HM505E Cryostat.

No alerts have been found for Microm: HM505E Cryostat.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Rock RR, et al. (2026) Female-enriched Eggerthella lenta drives neuroinflammation and IFN-?? via host receptor TLR2. bioRxiv : the preprint server for biology.