

LabElite[®] DeFroster

NEW!

Automated Rack Frost Remover

The new LabElite DeFroster removes frost from a rack that has been retrieved from long-term cold storage in either manual or automated freezers. Using mechanical brushes and a liquid solvent, the DeFroster is able to quickly and safely remove frost that may obscure barcodes on racks.

The DeFroster boasts a small footprint and is completely mobile, allowing users to perform work while using battery power. Additionally, the device's revolutionary hands-free design eliminates both the handling of harsh liquids and inhalation of noxious fumes during the defrosting process.



Technical Specifications

Dimensions (l x w x h)	730 mm (28.7 in) x 304.9 mm (12.0 in) x 353.4 mm (13.9 in)
Supported Labware	Any SBS-format rack up to 90 mm in height
PC	Raspberry Pi
Operating System	Raspbian

Features of the DeFroster:

- Operational using either an electrical outlet or battery power
- Won't warm samples more than 15°C, ensuring sample integrity
- Offers hands-free operation and a run time of less than 30 seconds
- The platform can operate in a cold room environment ranging from +10°C to +30°C
- Accepts SBS-format tube racks ranging in temperature from -20°C to -80°C
- Compatible with tube types up to 90 mm in height



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