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1. Description

This product is for research use only.

For use by professional laboratory personnel only.

Product	Quantity	Order no.
Chill 5 Rack	1 rack	130-092-951
Chill 5 Racks	3 racks	130-097-041
Chill 15 Rack	1 rack	130-092-952
Chill 15 Racks	3 racks	130-097-036
Chill 50 Rack	1 rack	130-092-953
Chill 50 Racks	3 racks	130-097-037
Chill 5, 15, 50 Rack Set	3 racks	130-097-038
Chill 96 Rack	1 rack	130-094-459

Storage Store at 0–35 °C. The expiration date is indicated on the box label.

1.1 Important safety information

Warning

All biological material must be considered potentially infectious. Regulations for the treatment and disposal of infectious materials must be followed.

Caution

MACS Chill Racks are filled with Rubitherm RT10 as coolant. The coolant may be fatal if swallowed and enters airways. Repeated exposure may cause skin dryness or cracking.

- Wear personal protective equipment (such as gloves, safety glasses, etc.) when handling the racks.
- Do not use the racks if the shipping box is damaged.
- Do not use the racks if they have been dropped, are damaged, or if cooling liquid is leaking.
- Do not subject the racks to temperatures below 0 °C and above 35 °C during storage and use.
- Do not clean the racks in a dishwasher.

- Do not autoclave the racks.
- Do not handle strong oxidizing agents close to the racks.
- Avoid contact of the coolant with strong oxidizing agents such as peroxides and chromates.
- The expected lifetime of MACS Chill Racks is 3 years. The expiration date is indicated on the box label.

1.2 Background information

MACS Chill Racks are sample racks that can be pre-cooled in the refrigerator (2–8 °C) to keep samples at low temperatures. MACS Chill 5, 15, and 50 Racks can be used in combination with autoMACS® Separators. MACS Chill 5, 15, 50, and 96 Racks can be used in combination with MACSQuant® Analyzers. MACS Chill Racks can also be used as stand-alone cooling racks.

2. Technical specifications

Product	Description
Chill 5 Rack	Rack for 24×5 mL tubes
Chill 15 Rack	Rack for 15×15 mL conical tubes and 5×5 mL tubes
Chill 50 Rack	Rack for 6×50 mL conical tubes, 3×15 mL conical tubes, and 3×5 mL tubes
Chill 96 Rack	Rack for 1×96-well plate

Table 1: Specifications of MACS Chill Racks.

3. Instructions for use

MACS Chill Racks can be used to keep samples cool or at room temperature. To enable the cooling function, store the racks in the refrigerator at 2–8 °C until the coolant switched into solid state. Depending on the refrigerator and rack type, it takes at least 3 hours until the coolant switches into solid state.

Always place MACS Chill Racks in the correct orientation on the instrument. When placed correctly, the Miltenyi Biotec logo is facing towards the user and away from the instrument.

4. Cleaning and decontamination

- Clean up spillages immediately. Do not use the racks if decontamination cannot be ensured.
- Do not clean the racks in a dishwasher.
- Do not autoclave the racks.
- Use disinfectants for decontamination that are in accordance with local regulations. The material is resistant against disinfectants that contain alcohol and surfactants.
- Only wipe the racks with a soft cloth. Use tissues or swabs soaked with, e.g., 70% ethanol for decontamination.
- Do not immerse the racks in cleaning or disinfection agent.
- Do not use acetone or peroxides.

5. Disposal

- Dispose of racks and residues of coolant in hazardous waste in accordance with local regulations.
- Dispose of damaged and leaking racks.
- Make sure that the coolant does not enter wastewater.
- Inform authorities if coolant enters wastewater.

Refer to www.miltenyibiotec.com for all data sheets and protocols. Miltenyi Biotec provides technical support worldwide. Visit www.miltenyibiotec.com for local Miltenyi Biotec Technical Support contact information.

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