



TECHNICAL DATA SHEET

MT FREEZER 2.0

The MT Freezer 2.0 is an automatic freezer for bull semen made of stainless steel.

Properties

- Highly efficient heat withdrawal from straws that is achieved by two robust, long lasting incorporated fans
- Gas flow is directed uniformly through the stacks of straws and provides homogenous temperature distribution
- Defined start- and end-temperature provide an optimal freezing curve for bull semen
- Short warm up duration of MT Freezer 2.0 (only a few minutes) contributes to an optimized work efficiency
- Two different temperatures can be set within a range from +5°C to -140°C
- Two versions of the MT Freezer 2.0 are available which differ by the LN₂ pressure tank used

Technical features

- Capacity: 12 racks (3 x 4)
 - 175 x 0.25 ml straws (total: 2100 straws)
 - 100 x 0.5 ml straws (total: 1200 straws)
- Outer dimensions 112 x 88 x 105 cm (W x H x D)
- Chamber dimensions: 76 x 64 x 30 cm (W x H x D)
- Electronic temperature control, digital temperature display, programmable start and end temperature
- Forced gas circulation by fans
- Temperature range: +5°C to -140°C
- Freezing time: 8 min (10 min for 0.5 ml straws)
- Power supply: 230 V/50 Hz (115 V/60 Hz upon demand, Frequency converter and transformer, Ref. 16813/1000 necessary)

MT Freezer 2.0

for 0.5 bar liquid nitrogen containers **REF. : 16813/0000**

for 1.5 bar liquid nitrogen containers **REF. : 16813/0015**

Liquid nitrogen container

pressurized to 0.5 bar, capacity 60 l **REF. : 16820/1900**

pressurized to 1.5 bar, capacity 120 l **REF. : 16150/0120**



Accessories

Liquid nitrogen connecting hose

Length 2.0 m **REF. : 16812/0200**

Freezing rack Turbo

for 175 x 0.25 ml straws **REF. : 15040/0175**

for 100 x 0.5 ml straws **REF. : 15040/0100**

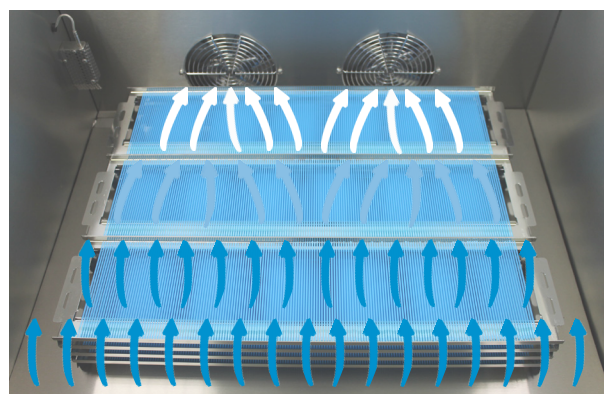
Loading and counting block for freezing rack Turbo

for 175 x 0.25 ml straws **REF. : 15041/0175**

for 100 x 0.5 ml straws **REF. : 15041/0100**

Straw pliers

for removal of frozen straws **REF. : 16811/0100**



minitube