



## Ultra low freezers

# Bio Memory Touch -86°C

### Spécifications

- Temperature range : -60°C to -86°C
- Simultaneous display of the set-point and the real temperature
- Electronic regulator assisted by an industrial PLC
- Pt100 ohm sensor for the regulation and display
- 3 available types : bench, vertical or horizontal
- Stainless steel inner chamber
- Locking
- Pressure equalizer
- Insulated color-coded inner door
- Heated silicone 3-lipped seal limits frost
- Castors
- Supply cable.
- Audible and visual alarm for high and low temperature
- Open-door alarm, power failure, blocked condenser alarm
- Supplied with alarm battery back-up
- Standard cable access

### Avantages

- UNRIVALED PERFORMANCE:
  - Excellent homogeneity < +/-3°C to -80°C
  - Exceptional stability +/-1°C to -80°C
  - Fast cooling: from 22°C to -81°C in 4h (690L)
  - Fast set temperature recovery after door opening
  - Sustain ambient temperature (environment) up to 35°C
- THE BoSS SYSTEM : Maximum protection of the samples  
The samples protection must be efficient in any circumstance, even in unlikely case of low voltage/electronic system outage. The BoSS system compensates for that potential issue and will engage the compressors permanently, maintaining a permanent deep freeze production.
- Preservation of the samples
- 30 hour regulation on batteries; then direct connection to the power source (110V or 220/230V) of the compressors
- No emergency maintenance required / easy problem identification for the service engineer



### Congélateur vertical type -86°C BMT Vertical Freezer

Reference	Description	Volume (L)	Interior Dimensions (WxDxH) mm	Exterior Dimensions (WxDxH) mm	Cryotubes capacity	Number of compartments	Net Weight (kg)	Power supply
BMT17586	-86°C Vertical freezer touch screen and data recording	175	620x630x452	1330x875x712.5	12000	2	185	220V, 50Hz
BMT34086	-86°C Vertical freezer touch screen and data recording	330	716x630x752	1280x875x985	24000	2	223	220V, 50Hz
BMT51586	-86°C Vertical freezer touch screen and data recording	515	1076x630x752	1640x875x985	36000	3	267	220V, 50Hz
BMT69086	-86°C Vertical freezer touch screen and data recording	690	1436x630x752	1990x875x985	48000	4	330	220V, 50Hz
BMT100082	-86°C Vertical freezer touch screen and data recording	1000	1436x920x765	1990x1200x985	72000	4	390	220V, 50Hz
BMT17586/26	-86°C Vertical freezer touch screen and data recording	175	620x630x452	1330x875x712.5	12000	2	185	220V, 60Hz
BMT34086/26	-86°C Vertical freezer touch screen and data recording	340	716x630x752	1280x875x985	24000	2	223	220V, 60Hz
BMT51586/26	-86°C Vertical freezer touch screen and data recording	515	1076x630x752	1640x875x985	36000	3	267	220V, 60Hz
BMT69086/26	-86°C Vertical freezer touch	690	1436x630x752	1990x875x985	48000	4	330	220V,

Reference	Description	Volume (L)	Interior Dimensions (WxDxH) mm	Exterior Dimensions (WxDxH) mm	Cryotubes capacity	Number of compartments	Net Weight (kg)	Power supply
BMT100086/156	-86°C Vertical freezer touch screen and data recording	1000	1436x920x765	1990x1200x985	72000	4	390	110V, 50/60Hz
BMT17586/156	-86°C Vertical freezer touch screen and data recording	515	1076x630x752	1640x875x985	36000	3	267	110V, 50/60Hz
BMT69086/156	-86°C Vertical freezer touch screen and data recording	690	1436x630x752	1990x875x985	48000	4	330	110V, 50/60Hz
BMT100086/156	-86°C Vertical freezer touch screen and data recording	1000	1436x920x765	1990x1200x985	72000	4	390	110V, 50/60Hz

### -86°C BMT OPTIONS

Reference	Models	Description
BM/CO2	All	Supply system of liquid CO2 injection. 15h battery life, flexible 3m included
BM/3JCO2	All	Supply system of liquid CO2 injection. 72h battery life, external battery (not provided)
BM/FL1	All	CO2 Connection flexible - 2m length
BM/FL2	All	CO2 Connection flexible - 3 m length
BM/FL3	All	CO2 Connection flexible - 4 m length
BM/N2	All	Supply system of nitrogen vapor injection + flexible BM/FL4 (included)
BM/FL4	All	Flexible for transferring liquid nitrogen F:DN10 conical adaptor -1.80 m length
BM/CRYO1	BM175	Cryo-reservoir, temperature increased delayed by additional +/- 6 hours
BM/CRYO2	BM340	Cryo-reservoir, temperature increased delayed by additional +/- 6 hours
BM/CRYO3	BM515	Cryo-reservoir, temperature increased delayed by additional +/- 6 hours
BM/CRYO4	BM690	Cryo-reservoir, temperature increased delayed by additional +/- 6 hours
BM/OPT8	All	On/off Switch, key lock
BM/OPT1	All	Regulation and alarms stored on 24 V battery, inutile si secours CO2 ou N2
BM/OPT2	All	Pt 100 ohm probe, 3 wires, 4-20 mA (-100°C to +50°C). Rear output on connectors
BM/OPT3	All	K thermocouple probe (-100°C to +50°C). Rear DIN connector
BM/OPT4	All	Pt 100 ohm probe, 3 wires (-100°C to +50°C). Rear DIN connector
BM/OPT5	All	Probe with 3 meters cable for external calibration
BM/OPT6	All	Certified temperature probe
BM/OPT9	All	RS 485 port for data transfer
BM/OPT7	All	0°C to 100°C circular chart recorder, 1 run for 7 days
BM/OPT10	All	Cable entry port with gland on decompression valve
BM/OPT11	All	21 mm diameter wall with gland on decompressions valve

### -86°C BMT ACCESSORIES

Reference	Models	Description
BM/ETA1	BM175	Stainless steel rack (WxD: 597 x 445 mm)
BM/ETA2	BM340/515/690	Stainless steel rack (WxD: 597 x 743 mm)
BM/ETA3	BM 1000	BM1000 stainless steel rack
BM/QP	All	Protocol of qualified performance
BM/QIQO	All	Installing and supplying QI/QO documentation (excluding travel expenses)

#### ABOUT US

Founded in Lyon in 1918 at the request of pharmaceutical companies which then grow in the Lyon region and looking for the sample preparation equipment...

#### SERVICE DEPARTMENT

From 8.00 to 17.00 Monday to Thursday  
From 8.00 to 16.00 on Fridays

#### CONTACT OUR SERVICE

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#### CONTACT US

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