



Ultra low freezers

Bio Memory Touch -45°C

Spécifications

- Temperature range : -20°C to -45°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 -45°C
 - Exceptional stability +/-1°C to -45°C
 - Fast cooling: from 22°C to -45°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



45°C BMT VERTICAL FREEZER

Reference	Description	Volume (L)	Interior Dimensions (WxDxH) mm	Exterior Dimensions (WxDxH) mm	Cryotube Capacity	Number of compartments	Net wei(kg)	Power supply
BMT17545	-45°C Vertical Freezer touch screen and and data recording	175	620x630x452	1330x875x712.5	12000	2	185	230V/50Hz
BMT34045	-45°C Vertical Freezer touch screen and and data recording	340	716x630x752	1280x875x985	240000	2	223	230V/50Hz
BMT51545	-45°C Vertical Freezer touch screen and and data recording	515	1076x630x752	1640x875x985	36000	3	267	230V/50Hz
BMT69045	-45°C Vertical Freezer touch screen and and data recording	690	1436x630x752	1990x875x985	48000	4	330	230V/50Hz
BMT100045	-45°C Vertical Freezer touch screen and and data recording	1000	1436x920x765	1990x1200x985	72000	4	390	230V/50Hz
BMT17545/26	-45°C Vertical Freezer touch screen and and data recording	175	620x630x452	1330x875x712.5	12000	2	185	230V/60Hz
BMT34045/26	-45°C Vertical Freezer touch screen and and data recording	340	716x630x752	1280x875x985	24000	2	223	230V/60Hz
BMT51545/26	-45°C Vertical Freezer touch screen and and data recording	515	1076x630x752	1640x875x985	36000	3	267	230V/60Hz
BMT69045/26	-45°C Vertical Freezer touch	690	1436x630x752	1990x875x985	48000	4	330	230V/60Hz

Reference	Description	Volume (L)	Interior Dimensions (WxDxH) mm	Exterior Dimensions (WxDxH) mm	Cryotube Capacity	Number of compartments	Net wei(kg)	Power supply
BMT100045/26	-45°C Vertical Freezer touch screen and and data recording	1000	1436x920x765	1990x1200x985	72000	4	390	230V/60Hz
BMT17545/156	-45°C Vertical Freezer touch screen and and data recording	175	1076x630x752	1640x875x985	12000	3	185	110V, 50/60Hz
BMT34045/156	-45°C Vertical Freezer touch screen and and data recording	340	1076x630x752	1640x875x985	24000	2	229	110V, 50/60Hz
BMT51545/156	-45°C Vertical Freezer touch screen and and data recording	515	1076x630x752	1640x875x985	36000	3	267	110V, 50/60Hz
BMT69045/156	-45°C Vertical Freezer touch screen and and data recording	690	1436x630x752	1990x875x985	48000	4	330	110V, 50/60Hz
BMT100045/156	-45°C Vertical Freezer touch screen and and data recording	1000	1436x920x765	1990x1200x985	72000	4	390	110V, 50/60Hz

-45°C BMT OPTIONS

Reference	Models	Description
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/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/OPT7	All	0°C to 100°C circular chart recorder, 1 run for 7 days

-45°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

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