

Ultra low freezers

Bio Memory -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



-86°C BM VERTICAL DEEP FREEZER

Reference BM	Description BM	Volume (L)	Interior Dimensions (WxDxH) mm	Exterior Dimensions (WxDxH) mm	Cryo tube capacity	Number of compartments	Net Weight (kg)	Electrical Power
BM17586	-86°C Vertical Deep Freezers	175	620x630x452	1330x875x712.5	12000	2	185	220V, 50Hz
BM34086	-86°C Vertical Deep Freezers	340	716x630x752	1280x875x985	24000	2	223	220V, 50Hz
BM51586	-86°C Vertical Deep Freezers	515	1076x630x752	1640x875x985	36000	3	267	220V, 50Hz
BM69086	-86°C Vertical Deep Freezers	690	1436x630x752	1990x875x985	48000	4	330	220V, 50Hz
BM100082	-86°C Vertical Deep Freezers	1000	1436x920x765	1990x1200x985	72000	4	390	220V, 50Hz
BM17586/26	-86°C Vertical Deep Freezers	175	620x630x452	1330x875x712.5	12000	2	185	220V, 60Hz
BM34086/26	-86°C Vertical Deep Freezers	340	716x630x752	1280x875x985	24000	2	223	220V, 60Hz
BM51586/26	-86°C Vertical Deep Freezers	515	1076x630x752	1640x875x985	36000	3	267	220V, 60Hz
BM69086/26	-86°C Vertical Deep Freezers	690	1436x630x752	1990x875x985	48000	4	330	220V, 60Hz
BM100082/26	-86°C Vertical Deep Freezers	1000	1436x920x765	1990x1200x985	72000	4	390	220V, 60Hz
BM17586/156	-86°C Vertical Deep Freezers	175	620x630x452	1330x875x712.5	12000	2	185	110V, 50/60Hz
BM34086/156	-86°C Vertical Deep Freezers	340	716x630x752	1280x875x985	24000	2	223	110V, 50/60Hz

BM51586/156	-86°C Vertical Deep Freezers	515	1076x630x752	1032x1380x794	36000	3	267	110V, 50/60Hz
Reference	Description	Volume (L)	Interior Dimensions (WxDxH) mm	Exterior Dimensions (WxDxH) mm	Cryo tube capacity	Number of compartments	Net Weight (kg)	Electrical Power

-86°C BM OPTIONS

Reference	Model	Description
BM/CO2	All	Supply system of liquid CO2 injection. 15h battery life, flexible 3m included
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	BM 340	Cryo-reservoir, temperature increased delayed by additional +/- 6 hours
BM/CRYO3	BM 515	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/OPT11	All	Cable entry port with gland on decompression valve
BM/OP10	All	21 mm diameter wall with gland on decompressions valve

-86°C BM 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 445 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)

-86°C HORIZONTAL DEEP FREEZER

BMH Reference	BMH Description	Volume (L)	Interior Dimensions (WxDxH) mm	Exterior Dimensions (WxDxH) mm	Cryo tube capacity	Number of compartments	Net Weight (kg)	Electrical Power
BMH34086	-86°C Horizontal Freezer	340	765x716x630	1032x1380x794	24000	1	233	220V, 50Hz
BMH51586	-86°C Horizontal Freezer	515	765x1076x630	1032x1740x794	36000	1	277	220V, 50Hz
BMH69086	-86°C Horizontal Freezer	690	765x1436x630	1032x2100x794	48000	1	340	220V, 50Hz

-86°C BMP CHEST FREEZER

BMP Reference	BMP Description	Volume (L)	Interior Dimensions (WxDxH) mm	Exterior Dimensions (WxDxH) mm	Cryo-tube capacity	Number of compartments	Net weight net (kg)	Power supply
BMP17586	-86°C Benchtop freezer	175	620x630x452	810x1275x680	12000	2	185	220V, 50Hz

-86°C BMH AND BMP OPTIONS

Reference	Models	Description
BM/OPT1	All	Regulation and alarms stored on 24 V battery, inutile si secours CO2 ou N2
BM/OPT2	All	Pt 100 ohms 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 output connectors
BM/OPT4	All	Pt 100 ohms probe (-100°C to +50°C). Rear DIN connectors
BM/OPT5	All	Probe with 3 meters cable for external calibration
BM/OPT6	All	Certified temperature probe

Reference	Models	Description
BM/OPT9	All	RS485 port for data transfer
BM/OPT7	All	0°C to 100°C circular chart recorder, 1 run for 7 days
BM/OPT11	All	Cable entry port with gland on decompression valve
BM/OPT10	All	Wall passage diameter 21 mm decompression valve

-86°C BMH AND BMP OPTIONS

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

+33 (0)1 60 95 15 70

CONTACT US

Froilabo
5 avenue Lionel Terray 69330 Meyzieu - FRANCE
Pho : +33 (0)4 78 04 75 75 - Fax : +33 (0)4 78 93 08 24
35 boulevard Beaubourg 77184 Emerainville - FRANCE
Pho : +33 (0)1 60 95 15 65 - Fax : +33 (0)1 60 77 11 11

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