



**PM BT EKOM series --
-20°C
Medium-Long term
mortuary chambers**

(picture of cod. 13324, PM 2/1 BT-EKOM for 2 bodies)

The PM BT EKOM series are -20°C refrigerated indoor chambers for bodies storage. They are available from 2 to 12 bodies with full height doors .

Main features of PM BT EKOM chambers

STANDARD WORKING TEMPERATURE: -10°C / -20°C (adjustable)

FRAME

Made by self-holding assembled modular panels with pre-painted grey embossed internal/external plates. Panels, ceiling and floor are of 70 mm thickness.

18/18 AISI 304 S.B. stainless steel non-slip floor R12 certificate and equipped with waters draining through suction drain.

Frontal service door/s for corpses' collection (cm. 610 x 1770 each), equipped with key lock and anti-mist electric resistance. Each door open completely, exposing all bodies stored in that section (can be up to 3)

Telescopic stretchers in 18/18 AISI 304 stainless steel.

Inner stainless steel sliding systems with rolls for an easy movement.

THERMAL INSULATION

By "sandwich technique" with high density expanse – injected polyurethane foam: insulation 70 mm.

COOLING SYSTEM:

By totally sealed compressors located in the upper part of the chambers equipped with air condensing unit. Standard features:

- Hermetic compressor 230 V +6% / -10% / 1 / 50 Hz (60Hz available on request)
- Air-condenser.
- Internal evaporator air ventilated.

AUTOMATIC DEFROSTING

REFRIGERANT

Standard R134a, allowed by the Montreal Convention and accepted as "environment friend gas" under the London amendment too.

CONTROLLER

A.L.S. - ANGELANTONI LIFE SCIENCE S.r.l.
Loc. Cimacolle, 464 – 06056 Massa Martana (PG) - Italy
Tel. +39-075-89551 Fax +39-075-8955312



The **HTWL** is a basic controller with an internal and rechargeable battery back-up, capable to supply energy to the controller for up to 24 hours even in case of power blackout.

Min features of the control panel:

- ✓ Digital display with decimal read out
- ✓ Acoustic and visual alarm for too LOW and too HIGH temperature
- ✓ Acoustic and visual power failure alarm
- ✓ Visual alarm for low battery
- ✓ Visual alarm for open door
- ✓ Dry contacts for remote alarms
- ✓ Manual/automatic switch ON/OFF for internal light

ORDERING INFORMATION AND AVAILABLE MODELS

Code 13324 – PM 2/1 BT-EKOM -20°C

Bodies capacity: 2

Number of doors: 1

External Net sizes: 970W x 2170D x 2560H mm

APPROX shipping sizes & weights: 2 packs
1st of cm 255x125x140 h kg 260/300 h (in wooden cage)
2nd of cm 100x80x71 h kg 60/85 (cartoon box on pallet)

Mean energy consumption 1.1 KW/h
Voltage 208 – 252 VAC, 50 Hz (60Hz optional)
Amperage 7A
Noise level <55 dB

OPTIONAL stainless steel executions for [code 13324](#)

Code	Description
13530	Stainless steel internal execution
13534	Stainless steel external execution

Code 13312 – PM 3/1 BT-EKOM -20°C

Bodies capacity: 3

Number of doors: 1

External Net sizes: 970W x 2170D x 2560H mm

APPROX shipping sizes & weights: 2 packs
1st of cm 255x125x140 h kg 260/300 (in wooden cage)
2nd of cm 100x80x71 h kg 60/85 (cartoon on pallet)

Mean energy consumption 1.1 KW
Voltage 208 – 252 VAC, 50 Hz (60Hz optional)
Amperage 7 A
Noise level <55 dB

OPTIONAL stainless steel executions for [code 13312](#)

Code	Description
13530	Stainless steel internal execution
13534	Stainless steel external execution

Code 13314 – PM 4/2 BT-EKOM -20°C

Bodies capacity: 4
Number of doors: 2
External Net sizes: 1770W x 2170D x 2520H mm

APPROX shipping sizes & weights: 2 packs
1st of cm 255x125x200 h kg 574/630 (in wooden cage)
2nd of cm 125x105x72 h kg 93/115 (cartoon on pallet)

Mean energy consumption 1.4 KW/h
Voltage 208 – 252 VAC, 50 Hz (60Hz optional)
Amperage 9A
Noise level <55 dB

OPTIONAL stainless steel executions for [code 13314](#)

Code	Description
13531	Stainless steel internal execution
13535	Stainless steel external execution

Code 13316 – PM 6/2BT-EKOM -20°C

Bodies capacity: 6
Number of doors: 2
External Net sizes: 1770W x 2170D x 2520H mm

APPROX shipping sizes & weights: 2 packs
1st of cm 255x125x200 h kg 574/630 (in wooden cage)
2nd of cm 125x105x72 h kg 93/115 (cartoon box on pallet)

Mean energy consumption 1.6 KW/h
Voltage 208 – 252 VAC, 50 Hz (60Hz optional)
Amperage 7A
Noise level <55 dB

OPTIONAL stainless steel executions for [code 13316](#)

Code	Description
13531	Stainless steel internal execution
13535	Stainless steel external execution

Code 13372 – PM 6/3 BT-EKOM -20°C

Bodies capacity:	6
Number of doors:	3
External Net sizes:	2570W x 2170D x 2520H mm
APPROX shipping sizes & weights:	3 packs 1 st of cm 255x125x150 h kg 400/500 (in wooden cage) 2 nd of cm 230x105x150 h kg 180/250 (in wooden cage) 3 rd of cm 125x105x72 h kg 93/115 (cartoon box on pallet)
Mean energy consumption	1.6KW/h
Voltage	208 – 252 VAC, 50 Hz (60Hz optional)
Amperage	7A
Noise level	<55 dB

OPTIONAL stainless steel executions for code 13372

Code	Description
13532	Stainless steel internal execution
13536	Stainless steel external execution

Code 13318 – PM 8/4 BT-EKOM -20°C

Bodies capacity:	8
Number of doors:	4
External Net sizes:	3370W x 2170D x 2520H mm
APPROX shipping sizes & weights:	3 packs 1 st of cm 255x125x200 h kg 800/1000 (in wooden cage) 2 nd of cm 230x105x180 h kg 300/400 (in wooden cage) 3 rd of cm 125x105x81 h kg 143/160 (cartoon box on pallet)
Mean energy consumption	1.9 KW/h
Voltage	208 – 252 VAC, 50 Hz (60Hz optional)
Amperage	12 A
Noise level	<55 dB

OPTIONAL stainless steel executions for code 13318

Code	Description
13533	Stainless steel internal execution
13537	Stainless steel external execution

Code 13320 – PM 9/3 BT-EKOM -20°C

Bodies capacity: 9

Number of doors: 3

External Net sizes: 2570W x 2170D x 2610H mm

APPROX shipping sizes & weights: 3 packs
1st of cm 255x125x200 h kg 450/600 (in wooden cage)
2nd of cm 230x105x150 h kg 180/250 (in wooden cage)
3rd of cm 125x105x81 h kg 143/160 (cartoon box on pallet)

Mean energy consumption 1.9 KW/h
Voltage 208 – 252 VAC, 50 Hz (60Hz optional)
Amperage 12A
Noise level <55 dB

OPTIONAL stainless steel executions for code 13320

Code	Description
13532	Stainless steel internal execution
13536	Stainless steel external execution

Code 13322 – PM 12/4 BT-EKOM -20°C

Bodies capacity: 12

Number of doors: 4

External Net sizes: 3370W x 2170D x 2610H mm

APPROX shipping sizes & weights: 3 packs
1st of cm 255x125x200 h kg 900/1100 (in wooden cage)
2nd of cm 230x105x190 h kg 300/400 (in wooden cage)
3rd of cm 125x105x81 h kg 143/160 (cartoon box on pallet)

Mean energy consumption 1.9 KW/h
Voltage 208 – 252 VAC, 50 Hz (60Hz optional)
Amperage 12A
Noise level <55 dB

OPTIONAL stainless steel executions for code 13322

Code	Description
13533	Stainless steel internal execution
13537	Stainless steel external execution

OPTIONAL ACCESSORIES APPLICABLE TO ALL CHAMBERS OF PM BT EKOM SERIES

Code	Description
11350	7-days temperature chart recorder (pen + diagrams for 1 year)
12279	Kit for chart recorder (100 graph diagram and 2 pens)

NOTE FOR CARTS & LIFTERS

ALS offer some optional carts, lifters and other accessories suitable to be used with any ALS mortuary chamber and in general for morgue applications. For more detailed information, please watch the specific data sheets “Data sheets of carts & body lifters_Rev xx”

OTHERS TECHNICAL DATA

Product Name :	PM BT EKOM series – morgue chambers for bodies storage
Manufacturer:	Angelantoni Life Science S.r.L. Loc. Cimacolle, 464 06056 Massa Martana (PG) - Italy
Ambient conditions of use:	Temperature: +10° ~ +30° C Relative humidity: 30 ~ 80% without condensation
Stocking condition:	Temperature: +0° ~ + 40° C Relative humidity: 20 ~ 80% without condensation
Alarms types:	Acoustic and Optical
In case of power black-out:	Compressors OFF (Controller is powered for 24-48h by a battery back-up)