

# Morgue Equipment and mortuary chambers PM - PM Ekom - EG Series



- **Easy to assembly.**
- **Innovative control system.**
- **Maximum security and hygiene.**
- **Modular solution for a wide range of configurations.**
- **Wide range of accessories and complementary articles.**



Angelantoni Life Science (ALS), a sub-holding fully owned by Angelantoni Industrie, is one of the leading international companies in the supply of refrigerating equipment and the design of technological solutions in the biomedical industry, with a constant commitment to biological and environmental innovation and safety.

Research centers, hospitals, laboratories, universities and industrial companies in the pharmaceutical and chemical industry are the recipients of ALS production, which covers all the needs for refrigeration, infection control and microbiological safety with a wide range of standard and special products. With its agents and distributors in over 40 countries, Angelantoni Life Science is the ideal partner in the healthcare sector and scientific research.

Our strength comes from the skills of our engineers and the experience they have gained in design, from the professionalism of our technicians in production and service and the coordination of experienced managers supporting our staff.

Each team member contributes their enthusiasm and scientific and industrial knowledge to a work environment that stimulates innovation and development. Angelantoni Life Science invests more than 10% of its turnover in Research and Development, involving a multidisciplinary team of technicians and researchers.

Founded in 1932, Angelantoni Industrie is an industrial group with 4 plants and over 500 employees. It is one of the world's leading companies in the production of environmental and space simulation chambers (ATT Angelantoni Test Technologies), cold technology applications in pharmaceutical and hospital research (ALS Angelantoni Life Science), Energy Efficiency (Turboalgor) and Solar Thermodynamic Energy (Archimede Solar Energy receiver tubes).



Angelantoni Plants



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Life Science Business Unit  
 AS - Biomedical Equipment Division  
 Morgue Equipment and mortuary chambers  
 PM - PM Ekom - EG Series



→ Angelantoni Industrie SpA offers a broad range of products to meet demands of Legal Medicine Institutes and Pathologic Anatomy Institutes, consisting in prefabricated mortuary chambers of different capacities and temperature and complementary mortuary equipment which allow the transport of the corpses and autopsy tables in different versions

PM Series /Optional

- Chart recorder
- External stainless steel execution
- Internal stainless steel execution
- Remote cooling system



## Technical features

### MORTUARY CHAMBERS PM and PM Ekom series

**Structure** / Modular prefabricated panels in zinc painted steel to ensure durability. Floor in 18/8 AISI 304 stainless steel hardened and reinforced for internal load. Internal rounded corners. Water exhaust by siphon drain.

**Doors / PM:** a door for each corpse, positioned on the front side for easy stretchers handling, with key lock to preclude access to unauthorized personnel. Anti-moisture resistors on the door frame.

**EKOM:** single door for easy stretchers handling with key lock and anti-moisture resistor.

**Corpse stretchers** / stainless steel 18/8 AISI 304, sliding on proper telescopic (only for PM) stainless steel rails, rubber wheels for easy and noiseless movement.

**Insulation** / Injected CFC-free foamed polyurethane.

Thickness - **PM:** 80 mm; **EKOM:** 70 mm.

**Cooling System** / fully sealed, placed on the top side of the cabinet, realized by low noise hermetic compressor and air condenser. Copper pipes evaporator. Inner ventilation.

**Adjustment and control system / PM:** microprocessor controller E2003, with two independent sections, the first one to set and control temperature, the second one to manage the alarm system and display temperature.

Rechargeable buffer battery (12 V, 2Ah) to maintain the alarm system on for 48 hours in case of power outage. Configured for a remote replication of alarms.

**EKOM:** Microprocessor control board HTWL.

Acoustic and visual high and low temperature alarms. Remote alarms contacts. Rechargeable back-up battery.

**On request special versions of mortuary chambers are available.**

### AUTOPSY TABLES EG series

**Structure** / Entirely 18/10 stainless steel, with porosity free weld seals.

Worktop leaning towards the drain. Drain with grid Ø 60 mm.

Raised edges to avoid overflow. Rounded corners for easy cleaning and disinfection.

Head tank of mm 500x400x220h, complete with drain.

The Ø 660 mm column basement is secured to the floor by means of automatic pins.

**Each table includes /**

- Perforated grid for table top.
- Movable shower fixed to the central basement to supply warm and cold water to the working surface. Movable mixer shower mounted on the table top near the tank.**
- Table washing system by means of nozzles mounted on the circumference of the table top, manually controlled.**
- Suction system for liquids placed near the tank with manual command.**
- Suction system for fumes and table air recycling. Functioning switch located on the control panel.**
- Electric plug single-phase.**

**Models /**

#### EG 101RAISABLE AND ROTATING

Adjustable height table with 180 mm maximum variation. Rotating table top with 90° right and 90° left rotations from the central position, for a total of 180°.

The table top elevation and rotation are controlled by an oleo dynamic gear incorporated into the central basement, low noise and operated by a 24Vdc motor. The electrical movement command (always 24 V for the operator's safety) is by means of a four-directions manipulator (up - down - left - right) placed on the front side for easy handling.

#### EG 102 RAISABLE

Adjustable table height with 180 mm max. variation.

Table raising up and down only by an oleo dynamic gear having the same technical features of the previous model. Two directions manipulation (up and down).

#### EG 103 FIXED

850 mm fixed height table top.

#### EG 104 BASIC

Table top dimensions: mm 750x2600x850 H.

Complete with tank having dimensions 500x350x200 D. Tank and table top drains are connected to a single main manifold. The basement has a stainless steel frame and four support feet.

#### ACCESSORIES

Complete set of trolleys for corpse movement.

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## Technical specifications

Model	PM 2003 /2S		PM 2006 /4S		PM 2010 /6S		PM2...- Ekom		PM4...- Ekom		PM6...- Ekom	
	TN	BT	TN	BT	TN	BT	TN	BT	TN	BT	TN	BT
Corpse compartments (n°)*	2		4		6		2		4		6	
Temperature range (°C)	0/+10	-10/-20	0/+10	-10/-20	0/+10	-10/-20	-5/+5	-10/-20	-5/+5	-10/-20	-5/+5	-10/-20
Supply voltage (V)	230V / 50Hz											
Maximum absorbed current (A)	5,5		6,5		7		5		3,5		5,5	
Cooling gas	R134A	R404A	R134A	R404A	R134A	R404A						
External dimensions (mm)	900x2260x2030		1800x2260x2030		2700x2260x2150		970x2170x2560		1770x2170x2520		1770x2170x2520	
Internal dimensions (mm)	740x2100x1870		1640x2100x1870		2540x2100x1870		830x2030x2030		1630x2030x2030		1630x2030x2030	
Overall weight with standard packaging (Kg)	290		575		675		395		409		600	
Noise level (dbA)			60						55			

→ Illustration, description and technical data may be changed without notice.  
 (\*) On request prefabricated mortuary rooms of superior capacities are available.

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- 01. Modular configurations.
- 02. PM mortuary chamber.
- 03. PM Ekom mortuary chamber.
- 04. Trolley for corpse movement.
- 05. EG optoptic table.

