Angelantoni INDUSTRIE

MORE THAN TECHNOLOGY

HeraScientific

LIFE SCIENCE

Life Science Business Unit

AS - Biomedical Equipment Division

Laboratory Refrigerators - Freezers

FRL Pro - FCL Pro - Kryolab Pro Series

Life Science Business Unit _ AS Division

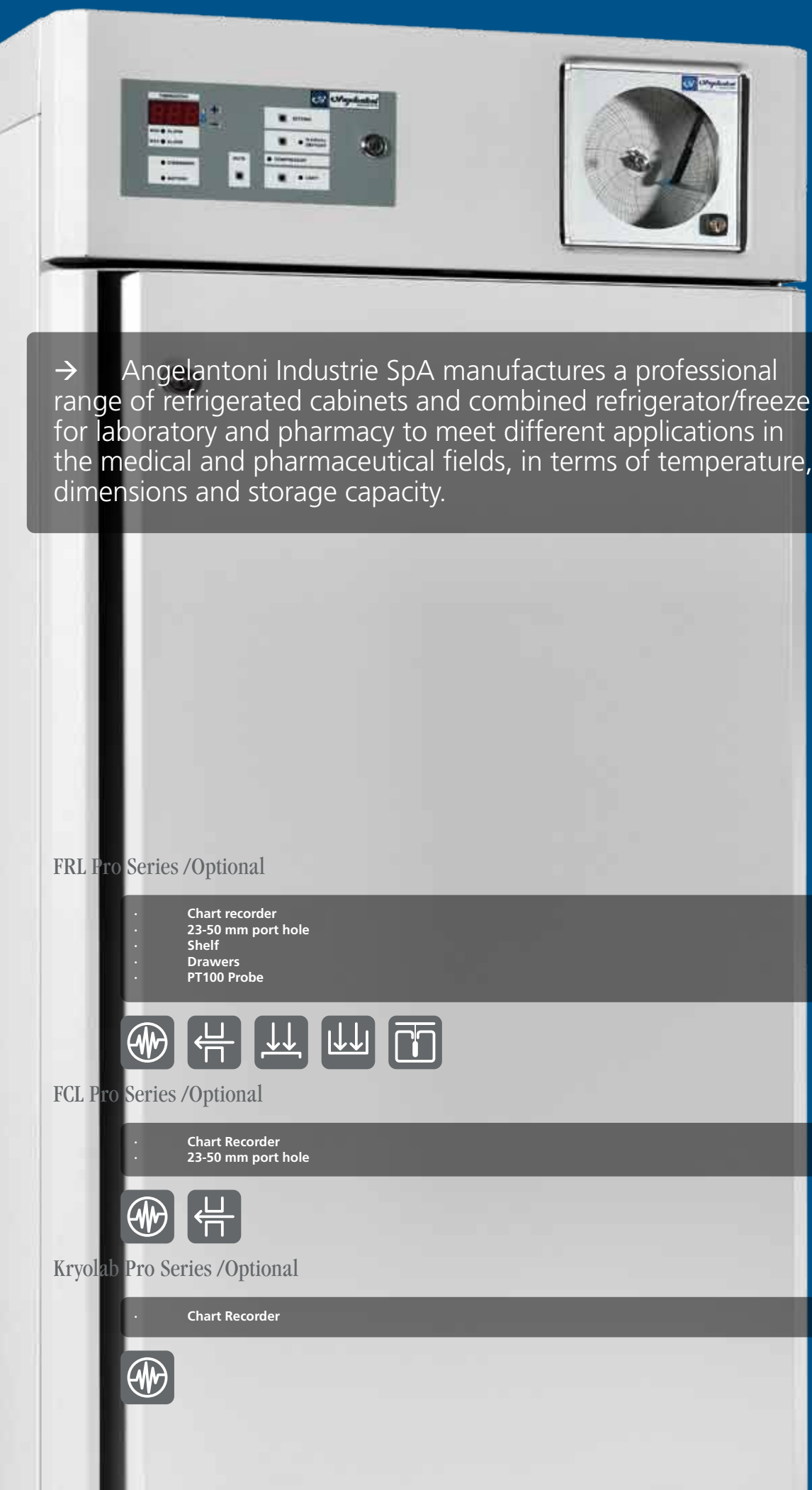
Laboratory Refrigerators - Freezers

FRL Pro - FCL Pro - Kryolab Pro Series

→ Advanced refrigerated cabinets and combined refrigerator/freezer for a stable refrigeration or freezing in pharmaceutical, research and industrial laboratories.

→ **Easy to use control panel for a complete monitoring of temperature.**
→ **Temperature uniformity.**
→ **Stainless steel internal execution for easy cleaning.**
→ **Flexible configuration with shelves and drawers.**





→ Angelantoni Industrie SpA manufactures a professional range of refrigerated cabinets and combined refrigerator/freezer for laboratory and pharmacy to meet different applications in the medical and pharmaceutical fields, in terms of temperature, dimensions and storage capacity.

FRL Pro Series /Optional

- Chart recorder
- 23-50 mm port hole
- Shelf
- Drawers
- PT100 Probe

FCL Pro Series /Optional

- Chart Recorder
- 23-50 mm port hole

Kryolab Pro Series /Optional

- Chart Recorder

Laboratory Refrigerators - Freezers
FRL Pro - FCL Pro - Kryolab Pro Series

PRO → Professional Line.

Technical features

Refrigerant /FRL Pro models

Structure /Models in galvanized steel anti-corrosion, PVC film coated in grey color. Internal chamber in stainless steel AISI 304. Refrigerator is provided with rollers for easy moving and adjustable feet for proper positioning.
Door /Made with same features of the frame, with variable hinge according to the needs. External key lock.
Possibility to have glass door.
Port hole /Diameter 23 mm, with rubber cap for the insertion of additional probes.
Shelves /Stainless steel internal shelves adjustable in height.
Inner lamp /Internal lighting with Led light by means of a switch on control panel or at door opening.
Insulation /Injected foamed polyurethane. The 60 mm thickness.
Cooling system /Completely sealed, silent and highly efficient hermetic compressor using ecological refrigerants. Ventilated air condenser. Internal ventilated evaporator.
Regulation and control system /CPU logic control system. Optimum control of temperature. Digital display showing internal temperature and correct functioning and alarms. Warning alarm with visual indicators and audible alarms.

Combinated refrigerators-freezers /FCL Pro models

Structure /In galvanized steel anti-corrosion, PVC film coated in grey color. Internal chamber in stainless steel AISI 304. Combined refrigerator/freezer provided with castors for easy moving and adjustable feet for proper positioning.
Door /N° 2 doors made with same features of the frame, with variable hinge according to the needs. External key lock. Possibility to have triple glass door on refrigerator compartment.
Port hole /Diameter 23 mm, with rubber cap for the insertion of additional probes for each compartment.
Shelves /Stainless steel aluminum internal shelves and drawers for freezer compartment.
Inner lamp /Internal lighting with Led light by means of a switch on control panel or at door opening only for refrigerator compartment.
Insulation /Injected foamed polyurethane. The 60 mm thickness.
Cooling system /Two hermetic compressor and ventilated air condenser. Ventilated evaporator in refrigerator compartment and static evaporator in freezer compartment, using CFC-free ecological refrigerants.
Regulation and control system /CPU logic control system for each compartment. Optimum control of temperature. Digital display showing internal temperature and correct functioning and alarms. Warning alarm with visual indicators and audible alarms.

Kryolab Pro models

Structure /In galvanized steel anti-corrosion, in grey color.
Internal chamber in stainless steel AISI 304.
Freezer is provided with rollers for easy moving and adjustable feet for proper positioning.
Door /Door made with same features of the frame, with variable hinge according to the needs. External key lock.

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Port hole /Diameter 23 mm, with rubber cap for the insertion of additional probes for each compartment.
Drawers /N° 6 stainless steel drawers will be supply.
Inner lamp /Door open courtesy light or by means of a switch on control panel.
Insulation /Injected HCFC-free foamed polyurethane. Thickness: 80 mm.
Cooling system /Completely sealed, silent and highly efficient hermetic compressor using HCFC-free ecological refrigerants.
Regulation and control system /CPU logic control system.
Optimum control of temperature. Digital display showing internal temperature and correct functioning and alarms. Warning alarm with visual indicators and audible alarms

Technical specifications

Model	**FRL Pro**			**KRYOLAB Pro**
	100 **V** - 100 **V.GL**	200 **V** - 200 **V.GL**	300 **V** - 300 **V.GL**	320 **V**
Nominal capacity (l)	100	200	300	320
Temperature range (°C)	+2 / +12			-10 / -30
Supply voltage (V)*	208V– 230V /50Hz			
Maximum absorbed current (A)	1	1,5	1,6	-
Refrigerant	R404A			
External dimensions (mm)	600×600×850	600×600×1535	600×600×1935	640×620×1939
Internal dimensions (mm)	480×465×460	480×465×920	480×465×1320	
Overall weight with standard packaging (Kg)	73 /76	85 /91	104 /113	115
Noise level (dbA)	45			

Model	**FCL Pro**	
	300/2 **TN.2TS V** - 300/2 **TN.2TS G**	700/2 **TN.2TS V** - 700/2 **TN.2TS G**
Nominal capacity refrigerator compartment (l)	180	350
Nominal capacity freezer compartment (l)	100	350
Temperature range refrigerator compartment (°C)	+2 / +12	
Temperature range freezer compartment (°C)	-10 / -25	
Supply voltage (V)*	208V– 230V /50Hz	
Maximum absorbed current (A)	2,7	3,7
Refrigerant	R404A	
External dimensions (mm)	600×600×1935	700×800×1990
Internal dimensions refrigerator compartment (mm)	480×465×920	580×670×685
Internal dimensions freezer compartment (mm)	480×465×460	580×670×685
Overall weight with standard packaging (Kg)	121 /125	161 /168
Noise level (dbA)	45	

→ Illustration, description and technical data may be changed without notice.
(*) 230V/60Hz and 115V/60Hz models are also available.

02 | 03 | 04

01. Kryolab Pro.
02. FRL Pro with drawers.
03. FRL Pro.
04. FCL Pro with glass doors.







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as Biomedical Division

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