



Anexa A
la Termenii și condițiile de livrare

Detalii specifice și standarde tehnice

LOT: „Congelator pentru laborator (Ultra Low-freezer), vertical, 680-750 L, - 50-86 °C”:

Specificatii tehnice solicitate		Specificatii tehnice oferite	Trimeteri la documentatia tehnica marcate prin note numerotate corespunzator nr.pag. din catalog/brosura
Model		725 W ADVANCED	
Producător		EVERMED	
Cod produs		AHH251T	
I.	Description of function and use FOR LABORATORY , Suitable for use in research institutions, hospitals, the health & disease prevention system, laboratories, etc		



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	Main function	<p><u>Congelator pentru laborator (Ultra Low-freezer), vertical, 680-750 L, -50-86 °C// Vertical Deep Freezer - 50-86 °C, 680-750L, with 3 racks</u> suitable for use in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on biological materials, biological products, etc. Suitable for use in research institutions, hospitals, the health & disease prevention system, laboratories, etc.</p>	<p><u>ULF 725 Ultra-Low Freezer - Congelator pentru laborator (Ultra Low-freezer), vertical, 765 L, -50-86 °C// Vertical Deep Freezer - 50-86 °C, 680-750L, with 3 racks</u> suitable for use in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on biological materials, biological products, etc. Suitable for use in research institutions, hospitals, the health & disease prevention system, laboratories, etc.</p>	
II.	Main specifications		Main specifications	
	Temperature range:	- -50 °C - 86 °C.	- -50°C / -86°C	Brochure pg.1
	Configuration:	- Vertical.	- Upright , vertical	Brochure pg.1
	Capacity:	- 680 -750 L.	- Gross Capacity (liters) 765 , Net Capacity (liters) 726	Brochure pg.1
	Externa Door:	- 1 external door. - Lockable door, with key lock.	- 1 Electronic door lock with key	Brochure pg.3
	Shelves:	- 3 pieces, closed with a freezing flap	- Shelves Number 3	Brochure pg.2



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Wheels:	<ul style="list-style-type: none"> - Equipped with 4 wheels, to be easily moved. - Adjustable feet for levelling. 	<ul style="list-style-type: none"> - with 4 wheels 	Brochure pg.1
Interior Material:	<ul style="list-style-type: none"> - Stainless steels. 	<ul style="list-style-type: none"> - Stainless steels 	Brochure pg.1
External Material:	<ul style="list-style-type: none"> - Cold-rolled steel with anti-corrosive coating. 	<ul style="list-style-type: none"> - Cold-rolled steel with anti-corrosive coating. 	Brochure pg.1
Temperature display:	<ul style="list-style-type: none"> - Digital. 	<ul style="list-style-type: none"> - Digital. 	Brochure pg.1
Screen:	<ul style="list-style-type: none"> - LED. - Graphic display. 	<ul style="list-style-type: none"> - LED. - Graphic display 	Brochure pg.2
Alarm System:	<ul style="list-style-type: none"> - Acoustic. - Visual - High and low temperature. - Door open. - Power failure. - Voltage abnormal. - Ambient temperature abnormal. 	<ul style="list-style-type: none"> - Acoustic. - Visual - High and low temperature. - Door open. - Power failure. - Voltage abnormal. - Ambient temperature abnormal. 	Brochure pg.2-3
Alarm setting options:	<ul style="list-style-type: none"> - Maximum temperature limit. - Minimum temperature limit. 	<ul style="list-style-type: none"> - Maximum temperature limit. - Minimum temperature limit. 	Brochure pg.3



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	Internal battery for alarm and alarm data retention:	- Yes, minimum 48 hours.	- Yes, minimum 48 hours.	Brochure pg.3
	Cooling system:	- Ventilated or static.	- Static.	Brochure pg.1
	Refrigerant:	- Without CFC / HCFC.	- Without CFC / HCFC.	Brochure pg.1
	Noise level:	- ≤ 60 db.	- ≤ 60 db.	Brochure pg.1
III.	Electricity requirements		Electricity requirements	
	Supply voltage:	- 230 ± 10 V - Voltage and plugs type adapted to meet the requirement of electrical system in Moldova.	- 230 V - Voltage and plugs type adapted to meet the requirement of electrical system in Moldova.	Brochure pg.3
	Frequency:	- 50/60 Hz.	- 50 Hz.	Brochure pg.3
IV.	Documentation		Documentation	
	Manufacturer's certificate	- ISO 13485:2016 - Quality Management Systems for Medical Devices – mandatory. - CE Marking - Indicating compliance with European Union	- ISO 13485:2016 - CE Marking	



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		regulations and directives related to medical devices.		
	Quality and safety standards	<p>EU Electrical Safety Standards Compliance:</p> <ul style="list-style-type: none"> - EN 60601-1: Medical Electrical Equipment - General Requirements for Basic Safety and Essential Performance - IEC 61010-1: Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - EN 55014 - Electromagnetic compatibility. - Protection class (in accordance with EN 60529). 	<p>EU Electrical Safety Standards Compliance:</p> <ul style="list-style-type: none"> - EN 60601-1: Medical Electrical Equipment - General Requirements for Basic Safety and Essential Performance - IEC 61010-1: Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - EN 55014 - Electromagnetic compatibility. <p>Protection class (in accordance with EN 60529).</p>	
V.	Accessories		Accessories	
	Freezer racks		Freezer racks	
	Quantity	- 12	- 12	
	External dimensions	- To be compatible with the internal size of the freezer	- Compatible with the internal size of the freezer	



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	Internal dimensions	- To be compatible with freezers box 133*133*52 mm	- Compatible with freezers box 133*133*52 mm	
	Material	- Made of corrosion-resistant stainless steel, it can be frozen and thawed repeatedly and stored for a long time.	- Made of corrosion-resistant stainless steel, it can be frozen and thawed repeatedly and stored for a long time.	
VI.	Operation, maintenance and installation		Operation, maintenance and installation	
	Operation and maintenance manual:	- At least one set of operation, maintenance and service manuals for each equipment. The manuals to include instructions for: <ul style="list-style-type: none"> ○ setting up the equipment ○ routine cleaning and maintenance ○ planning for periodic maintenance. 	- a set of operation, maintenance and service manuals for each piece of equipment. The manuals include instructions for: <ul style="list-style-type: none"> ● installing the equipment ● routine cleaning and maintenance ● periodic maintenance planning 	
	Language of documentation:	- Written in United Nations languages: <ul style="list-style-type: none"> ○ at least in English and ○ mandatory in Romanian. 	- Written in the languages of the United Nations: <ul style="list-style-type: none"> - in English and translated in Romanian 	
	Installation and maintenance:	- The bidder must arrange for the equipment to be installed by certified or qualified personnel.	- Laboratorium will install the equipment with qualified personnel. Any preconditions for installation will be communicated to the	



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		<p>Any prerequisites for installation will be communicated to the beneficiary in advance, described in detail in written form.</p> <ul style="list-style-type: none"> - The bidder will provide a comprehensive maintenance plan. The cost of the maintenance plan to be defined and guaranteed over the period of warranty. - The supplier will provide an after-sale service. - The service to have competent staff, adequate infrastructure and sufficient spare parts to be able to respond to any complaints and to repair or replace within 14 days. 	<p>beneficiary in advance, described in detail in written form.</p> <ul style="list-style-type: none"> - Laboratorium will provide a comprehensive maintenance plan. The cost of the maintenance plan is to be defined and guaranteed during the warranty period. - Laboratorium will provide an after-sale service. - Laboratorium has competent staff, adequate infrastructure and sufficient spare parts to be able to respond to any complaints and to repair or replace within 14 days. 	
	Training:	<ul style="list-style-type: none"> - The bidder will provide user training (including how to use and maintain the equipment). 	<ul style="list-style-type: none"> - Laboratorium provide user training (including how to use and maintain the equipment). 	
	Standard maintenance tools:	<ul style="list-style-type: none"> - All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning 	<ul style="list-style-type: none"> - All standard accessories, consumables and parts necessary to operate the equipment, including all standard tools and cleaning and lubrication material, are included in the offer. 	



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		<p>and lubrication material, to be included in the offer.</p> <ul style="list-style-type: none"> ○ Bidders to specify the quantity of every item included in their offer (including items not specified above). 		
	Spare parts:	- Each assembled equipment to be accompanied by an authorized list of spare parts.	- Each assembled piece of equipment will be accompanied by an authorized list of spare parts	
	Warranty:	- At least 3 years .	- 3 years .	
	Remarks above:	<ul style="list-style-type: none"> - The equipment offered, including its power supply, to be designed and constructed to operate properly and continuously in the conditions of the Republic of Moldova. - The equipment may need to tolerate high humidity (as high as 90% at 35 °C), ambient temperatures of 5–40 °C, fungi, and spikes in the electricity supply. 	<ul style="list-style-type: none"> - The equipment offered, including its power supply, is designed and built to work correctly and continuously under the conditions of the Republic of Moldova. - - the offered equipment can tolerate high humidity (up to 90% at 35 °C), ambient temperatures of 5–40 °C, fungi and spikes in the power supply. 	



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Toate bunurile vor fi testate de beneficiar. Acceptarea bunurilor și semnarea actelor de recepție va avea loc după testarea pozitivă efectuată de beneficiar.

În calitate de ofertant, confirmăm prin semnătura noastră de mai jos, că ne asumăm responsabilitatea pentru informațiile prezentate în cadrul acestei achiziții.

Semnat: _____ Numele, Prenumele: Cernei Silian

În calitate de: Administrator

Ofertantul: LABORATORIUM GRUP Adresa: str. Independentei 1/A, Ap. 93, mun Chișinău

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