



# LOW TEMPERATURE

## Model selection table

**QUICK OVERVIEW**

Equipment type	Model	Forced Air	Regulation	CAPACITY			
Refrigerated Cabinets				180 litres	260 litres	500 litres	500 litres Glass
<b>+2 ... +40 °C</b>	<b>Medilow</b>	<b>Yes</b>	<b>Digital</b>	<b>2101270</b>	<b>2101271</b>	<b>2101272</b>	<b>2101273</b>
Blood bank cabinets				319 litres	442 litres	600 litres	1300 litres
<b>4 °C fixed</b>	<b>Blood Bank</b>	<b>Yes</b>	<b>Digital</b>	<b>2101497</b>	<b>2101498</b>	<b>2101499</b>	<b>2101500</b>
Storage refrigerators				252 litres	352 litres	319 litres	
<b>+2 ... +12 °C</b>	<b>Pharmalow</b>	<b>Yes</b>	<b>Analogue</b>	<b>2101274</b>	<b>2101275</b>	-	
<b>+2 ... +12 °C</b>	<b>Pharmalow</b>	<b>Yes</b>	<b>Digital</b>	-	-	<b>2101501</b>	
Storage freezers				513 litres			
<b>-9 ... -26 °C</b>	<b>Templow-M</b>	<b>No</b>	<b>Analogue</b>	<b>2101279</b>			
				304 litres			
<b>-18 ... -28 °C</b>	<b>Templow-S</b>	<b>No</b>	<b>Digital</b>	<b>2101278</b>			
				600 litres			
<b>-15 ... -35 °C</b>	<b>Templow-L</b>	<b>Yes</b>	<b>Analogue</b>	<b>2101280</b>			
Storage refrigerators				600 litres	600 litres Glass		
<b>-2 ... +15 °C</b>	<b>Stocklow</b>	<b>Yes</b>	<b>Analogue</b>	<b>2101276</b>	-		
<b>+2 ... +15 °C</b>	<b>Stocklow</b>	<b>Yes</b>	<b>Analogue</b>	-	<b>2101277</b>		
Chest Freezers				203 litres	351 litres		
<b>-10 ... -30 °C</b>	<b>Combatemp</b>	<b>No</b>	<b>Digital</b>	<b>2101040</b>	<b>2101041</b>		
<b>-10 ... -40 °C</b>	<b>Combatemp</b>	<b>No</b>	<b>Digital</b>	<b>2101181</b>	<b>2101182</b>		
Flake ice maker				40 litres	85 litres		
	<b>"IMS 45"</b>	<b>Compressor</b>	-	<b>5020100</b>	-		
	<b>"IMS 85"</b>	<b>Compressor</b>	-	-	<b>5020101</b>		

### OTHER LOW TEMPERATURE DEVICES

Thermocycler for thermal cycles  
**PCR-K96**



(See page 232)

Shaking Bath  
**Unitronic**



(See page 85)

Cryo circulators  
**Frigiterm**



(See page 97)

Bath immersion coolers  
**Digit-cool**



(See page 99)

Refrigerated cabinet  
**Refricub**



(See page 213)

Cold Plate  
**Plac-center**



(See page 212)

Cooling Coils for baths  
**Frigedor**



(See page 101)

**Microtube**, table top cooler boxes for microtubes of 0.5 to 2 ml / 15 ml.



(See page 185)

Precision Peltier cooled incubator / cabinets  
**Prebatem**



(See page 150 and 151)

Refrigerated environmental cabinets  
**Hotcold**



(See page 154)



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*“Luck is not chance, it is toil. Fortune is expensive, smile is earned.”  
Emily Dickinson*



## Flake ice maker "IMS" 40 and "IMS" 85

"IMS" 40 MODEL: PRODUCTION 40 kg-24 HOURS.

"IMS" 85 MODEL: PRODUCTION 85 kg-24 HOURS.

OPTIC  
**ivymen**<sup>®</sup>  
SYSTEM

NUEVO



MODELS	Part No.	24h.(kg) Production	Tank Capacity (Kg)	Height / Width / Depth cm			Power W	Weight Kg
IMS-40	5020100	40	8	72	38	54	280	40
IMS-85	5020101	85	13	88	55	61	420	57

Features: See page. 186



## Refrigerated cabinets "Medilow" S, M, L & LG

WITH FORCED AIR FAN CIRCULATION.

WITH DIGITAL ELECTRONIC TEMPERATURE CONTROL.

TEMPERATURE RANGE CONTROLLABLE FROM +2 °C TO 40 °C. WITH A STABILITY OF ±1.5 °C. RESOLUTION 1 °C.

CAPACITY: 180, 260 AND 500 LITRES.



**SAFETY: CONFORMS TO EN61010.1. OVER TEMPERATURE SAFETY THERMOSTAT INSTALLED.**



Models Medilow M and L.



Model Medilow LG, double glass door.



Model Medilow S. Capacity: DBO 2 blocks

### APPLICATIONS

Determination of BOD at 20°C, Measurement of enzyme activity at 25°C. Storage and Preservation of samples, Incubation, Cosmetics, Botany, Food Products, etc.

### TEMPERATURE CONTROL

Electronic temperature control with digital display.  
Pt 100 temperature probe.  
Probe failure alarm.

### FEATURES

Epoxy covered external case.  
Easy to clean, strong, molded ABS Interior.  
Vibration and CFC free hermetically sealed compressor.  
Turbine fan air circulation, enclosed within the unit.  
External hole for connecting inside probes, etc.  
Internal power connection to a maximum of 500 W.  
Adjustable level front supports.  
Door can be hung to open left or right.  
Door lock.

### CONTROL PANEL

Temperature control.  
Live-time temperature display.  
Pre-selected temperature display.  
Increase value, push button.  
Decrease value, push button.  
Program parameter selection, push button.  
Configure push button.

MODELS	Part No.	Capacity litres	Door glass	Height / Width / Depth (interior) cm			Height / Width / Depth (exterior) cm			Number of shelves	Internal power points	Power W	Weight Kg
MEDILOW-S	2101270	180	-	73	51	44	85	60	60	3	2	250	40
MEDILOW-M	2101271	260	-	104	51	44	122	60	60	4	2	330	53
MEDILOW-L	2101272	500	-	134	65	54	152	75	71	5	6	330	90
MEDILOW-LG*	2101273*	500	YES	134	65	54	152	75	71	5	6	330	108

Comes complete with steel shelves, PVC laminated. \*Anti mist double glazed insulated door.



## Refrigerated medical cabinet “Pharmalow” S, L and M

WITH FAN ASSISTED CIRCULATION.  
TEMPERATURES RANGE FROM +0 °C UP TO +15 °C.



### APPLICATIONS

Products that require a constant below atmosphere temperature, preservation of pharmaceutical products, medications, micro-tubes, etc.

Automatic de-frost with water evaporation system.  
Adjustable level, front base supports.  
Door can be mounted to open left or right.  
Door lock.

### COMMON FEATURES

External case and metallic door.  
White coated and interior made of anti-toxic white sheet.  
Double glazed door and interior light for model M.  
Hermetically sealed compressor.  
Homogeneous, turbine fan assisted air circulation.

### CONTROL PANEL

Temperature thermostat regulator.  
Digital thermometer display for models S and L.  
Electronic digital temperature control model M.

## Refrigerator “Pharmalow” S and L

MODELS	Part No.	Capacity litres	Height / Width / Depth (interior) cm			Height / Width / Depth (exterior)cm			Number of shelves	Power W	Weight Kg
Pharmalow S	2101274	252	105	51	44	121	60	60	4	170	47
Pharmalow L	2101275	352	142	51	44	159	60	60	5	180	62

Comes complete with steel shelves, PVC laminated.

### ACCESSORIES Need to be factory fitted.

#### Frame support, partitioned metallic drawers.

Modular system with perforated base, sliding drawers, each drawer is divided into three fixed compartments, each compartment with four removable methacrylate partitions.

Frame support for Pharmalow S (Part No. 2101274), with 4 drawers and 48 partitions in total, (maximum capacity: 6 drawers).

Part No. **1001306**

Frame support for Pharmalow L (Part No. 2101275), with 5 drawers and 60 partitions in total, (maximum capacity: 10 drawers).

Part No. **1001307**

#### OPTIONAL

Drawer with 3 compartments and 12 partitions.

Part No. **1001308**



Model Pharmalow S and L with frame support and drawers.



Details of frame support, drawers, dividers and partitions.

## Storage refrigerator with double glazed anti mist door “Pharmalow” M

WITH DIGITAL ELECTRONIC TEMPERATURE CONTROL

### MODEL

Part No.	Capacity litres	Height / Width / Depth (interior) cm			Alto / Ancho / Fondo (exterior)cm			Power W	Power HP	Number of shelves	Weight Kg
2101501	319	139	48	45	198	60	64	360	1/4	6	98

Comes complete with steel shelves, PVC laminated.

### ACCESSORY “Pharmalow” S - L and M. Must be factory fitted.

#### Circular graphic register independently powered.

Temperature range: -10 °C up to 40 °C. Precision  $\pm 2\%$  at 12 °C.

Chart speed selection of 24 hours or 7 days. Disc  $\varnothing$  125mm

Graphic register dimensions:

18 cm high x 22 cm wide x 35 cm deep.

Powered by an LR-6 1.5V battery. Battery life 1 year.

Part No. **2101621**



Model Pharmalow S with 4 shelves.



Model Pharmalow M with 6 shelves.

NEW DESIGN



## Blood bank refrigerated cabinets “Blood Bank” A, B, C and D

FORCED AIR CIRCULATION.  
 FIXED TEMPERATURE +4 °C. STABILITY ±1.5 °C. RESOLUTION 1 °C.  
 SEVEN DAYS GRAPHIC TEMPERATURE REGISTER.  
 CAPACITIES FROM 90 TO 480 BLOOD BAGS.



**SAFETY:**  
 ALARMS SYSTEMS VISUAL AND ACOUSTIC: LOW TEMPERATURE (+2°C), OVER TEMPERATURE (+6°C),  
 DOOR OPEN, MAINS FAILURE AND BATTERY FAILURE. INDEPENDENT BATTERY BACKUP GRAPHIC TEMPERATURE REGISTER. 7 DAY RECORDER,  
 AUTONOMY 6 MONTHS. ACOUSTIC ALARM ON ALL FAIL CONDITIONS. REMOTE ACOUSTIC ALARM.



Models A and B with optional drawer rack.



Model C



Model D

### APPLICATIONS

Storage cabinets specifically designed and manufactured for blood bag storage.

### COMMON FEATURES

Stainless steel. AISI 304. external cabinet and interior lining.  
 Double glazed antimist, Reversible lockable door, easy to change, self close door if left ajar. Hermetically sealed compressor mounted on shock absorbers with evaporator and forced air condenser.  
 Fan air circulation maintaining homogeneous temperature distribution.  
 Refrigerant R134a.  
 Temperature sensors are located and calibrated to read simulated blood bag con-

ditions.

Independently powered circular graphic register.

Microprocessor controlled temperature control via a display that can configure the following parameters:

- Open code.
- Activate external alarm.
- Adjust SET.
- Adjust alarm.
- Calibration.

### CONTROL PANEL

1. Digital display.
2. Battery life indicator.
3. Door open indicator.
4. Mains failure.
5. Push button increase value.
6. Push button decrease value.
7. Validate / RESET alarm.
8. Seven days graphic register.



MODELS	Part No.	Capacity litres	Capacity bags	Height / Width / Depth (interior) cm			Height / Width / Depth (exterior) cm			Power W	Power HP	Number of shelves	Weight Kg
Blood Bank A	2101497	319	110	139	48	45	198	60	64	360	1/4	5	98
Blood Bank B	2101498	442	150	126	58	55	198	70	71	360	1/4	5	111
Blood Bank C	2101499	600	200	136	58	69	207	70	82	350	3/8	5	115
Blood Bank D	2101500	1300	480	136	128	69	208	140	82	1100	3/8	10	190

Comes complete with steel shelves, PVC laminated.

## OPTIONAL ACCESSORIES,



Models A and B with optional rack system.

**Metallic drawers**, to be ordered separately.

Modular rack system of drawers, divided into compartments and subdivided by plastic dividers for different bag classification, bags are placed upright longitudinal.

### Blood Bank A,

System of 5 drawers of 18 bags per drawer. Capacity 90 bags.  
Part No **1001501**

### Blood Bank B,

System of 5 drawers of 30 bags per drawer. Capacity 150 bags.  
Part No. **1001502**

### Blood Bank C,

System of 5 drawers for 40 bags per drawer. Capacity 200 bags.  
Part No. **1001503**

### Blood Bank D,

System of 12 drawers (6 in each compartment) for 40 bags per drawer.  
Capacity 480 bags.  
Part No. **1001504**



Detailed image of the drawers with dividers.



## Shaking monitor for blood collection "HED02"

FOR BAGS BLOOD COLLECTION PROCESSES. SWINGING PLATFORM.

### FEATURES

HED02 is a digital blood collection monitor, created to control and monitoring blood collection processes. It has been designed to perform simple, precise and accurate operations.

It is composed of:

Easily removable tray.

Wired or wireless interface networking.

Automatic clamp closing at the end of the donation.

Automatic tare calculation.

Real time monitoring of the donation showed on the digital display.

Stand alone mode (operating with rechargeable battery). 8 hours life.

Tube sensor presence.

### MODEL

Part No.	Max weight Capacity g	Precision g	Resolution g	Height / Width / Depth (external) cm	Power W	Weight Kg
<b>5010000</b>	<b>999</b>	<b>± 3</b>	<b>1</b>	<b>19 32 32</b>	<b>60</b>	<b>5</b>

It is supplied with a transport suitcase.

NEW





## Upright freezers “Templow” S, M and L



### APPLICATIONS

Preservation and storage of products that require to be preserved at low temperatures.

### Upright freezer “Templow” S

**DIGITAL TEMPERATURE CONTROL,  
TEMPERATURE RANGE FROM -18 °C TO -28 °C.  
8 DRAWERS WITH INDIVIDUAL FREEZER COMPARTMENTS.**

#### FEATURES

Epoxy covered metallic external case.  
Strong, molded, chemically resistant ABS interior.  
Manual defrost with water evaporation system.  
Door can be hung to open left or right.

#### CONTROL PANEL

Mains power ON/ OFF switch.  
Temperature thermostat regulator.  
Temperature indicator lamp.  
Audible and visual alarms.  
Push button alarm reset/stop.  
Push button with quick freeze indicator.



### Upright freezer “Templow” M

**TEMPERATURE RANGE FROM -9 °C TO -26 °C.  
7 INDIVIDUAL FREEZER COMPARTMENTS WITH 14 BASKETS.**

#### FEATURES

Epoxy covered external case.  
Strong, chemically resistant, ABS molded case.  
Specially coated “Rilsan”, wire mesh baskets.  
Manual defrost, with water evaporation system.  
The door can be hung to open left or right.  
Lockable door.

#### CONTROL PANEL

Temperature thermostat regulator.  
Digital temperature display.



### Upright freezer “Templow” L

**WITH FAN ASSISTED AIR CIRCULATION.  
TEMPERATURE RANGE FROM -10 °C UP TO -36 °C.  
COMES WITH 4 SHELVES.**

#### FEATURES

External and internal case made completely of AISI 310 stainless steel, with water sump and drain.  
Chemically resistant.  
Acclimatized hermetically sealed CFC free compressor.  
Automatic defrost with electrical water evaporation system.  
Regulable shelves.  
Adjustable front level supports.  
The door can be hung to open, left or right.  
Door lock.

#### CONTROL PANEL

Mains power ON/ OFF switch.  
Electronic temperature regulator.  
Digital temperature display.



**NEW DESIGN**

MODELS	Part No.	Capacity litres	Range °C	Height / Width / Depth (interior) cm	Height / Width / Depth (exterior) cm	Power W	Weight Kg	
TEMPLOW S	2101278	304	-18 to -28	150 44 42	184 60 63	110	74	Comes with 8 drawers
TEMPLOW M	2101279	513	-9 to -26	150 61 57	186 75 76	345	111	*Comes with 14 baskets
TEMPLOW L	2101280	600	-10 to -36	155 51 65	215 70 83	600	160	*Comes with 4 shelves

Comes with steel PVC laminated shelves and baskets.



## Storage refrigerators “Stocklow” L and G

WITH FAN ASSISTED CIRCULATION.

MODEL L, WITH METAL DOOR. TEMPERATURE CONTROLLABLE FROM +1 °C TO +15 °C.

MODEL G, WITH DOUBLE GLAZED ANTI MIST DOOR. TEMPERATURE CONTROLLABLE FROM -2°C TO +16 °C.



### APPLICATIONS

Preservation and storage of products that require below ambient temperatures.

### FEATURES

- Chemically resistant.
- Tropical hermetic compressor.
- Automatic defrost with electrical water evaporation system.
- Support rack and shelves.
- Adjustable front level supports.
- The door can be hung to open left or right.
- Door lock.

There are two versions:

**Stocklow L** which is completely made of metal, both interior and exterior, Aisi 310 stainless steel door.

**Stocklow G** inside made of Aisi 310 stainless steel and epoxy white external case with glazed door that enables internal view. Wheel base support for easy removal.

### CONTROL PANEL

- Mains power, ON/OFF switch.
- Electronic temperature regulator.
- Digital temperature display.
- Interior light only (Double glazed door model).



Model Stocklow L, with metallic door.



Model Stocklow G, with metallic door.

MODELS	Part No.	Capacity litres	Door	Height / Width / Depth (interior) cm	Height / Width / Depth (exterior) cm	Number of shelves	Power W	Weight Kg
STOCKLOW L	2101276	600	Metallic	155 51 65	215 70 83	4	250	151
STOCKLOW G	2101277	600	Glass	155 51 65	215 70 83	4	250	151

Comes complete with steel shelves, PVC laminated.



## Chest Freezers “Combatemp”

CONTROLLABLE TEMPERATURE RANGE FROM -10 °C TO -28 °C.

CONTROLLABLE TEMPERATURE RANGE FROM -10 °C TO -40 °C.

### APPLICATIONS

Suitable for preservation and freezing of sample.

### FEATURES

- Epoxy covered external case. Interior of aluminium, with guide supports for baskets or trays.
- The interior of the door is made of easy to clean, strong, chemically resistant, moulded ABS.
- Drop down lockable door with compensating support hinges. Hermetically sealed compressor, silent and vibration free.

- Automatic interior light when the door is opened.
- Digital electronic temperature control.
- N.T.C. Sensor.

### CONTROL PANEL

- Temperature control.
- Digital live and preset temperature display.
- Push-button temperature selector.



MODELS	Part No.	Capacity litres	Freezing capacity in 24hrs Kg	Temperature up to °C	Height / Width / Depth (interior) cm	Height / Width / Depth (exterior) cm	Power W	Weight Kg
COMBATEMP S-30	2101040	203	28	-28	55 71 50	86 83 73	160	65
COMBATEMP L-30	2101041	352	38	-28	70 100 52	91 113 76	200	75
COMBATEMP S-40	2101181	203	30	-40	55 71 50	86 83 73	230	70
COMBATEMP L-40	2101182	352	40	-40	70 100 52	91 113 76	400	80

Note: The codes 2101040 and 2101181 are supplied with 3 baskets. The codes 2101041 and 2101182 are supplied with 2 baskets.