LOW TEMPERATURE Cooled Incubators, Refrigerators and freezers...

Flake ice maker	page	73
Refrigerated cabinets “Medilow” S, M, L & LG	page	73
Refrigerated medical cabinets, S, L & M	page	74
Upright freezers “Templow” S, M, L, P and Z	page	75 and 76
Storage refrigerators “Stocklow” LS & GS	page	77
Chest freezers “Combatemp”	page	77

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

LOW TEMPERATURE
Model selection table

QUICK OVERVIEW

Equipment type	Model	Forced Air	Regulation	CAPACITY			
Refrigerated Cabinets				180 litres	236 litres	544 litres	544 litres Glass
+1 ... +40 °C	Medilow	Yes	Digital	2101270	2101271	2101272	2101273
Storage refrigerators				236 litres	352 litres	319 litres	
+0 ... +15 °C	Pharmalow	Yes	Digital	2101274	2101275	-	
+0 ... +15 °C	Pharmalow	Yes	Digital	-	-	2101501	
Storage freezers				513 litres			
-14 ... -25 °C	Templow-M	No	Digital	2101279			
				304 litres			
-15 ... -25 °C	Templow-S	No	Digital	2101278			
				600 litres			
-10 ... -35 °C	Templow-L	Yes	Digital	2101280			
				345 litres (Two compartments)			
+3 ... -30 °C	Templow-P	Yes	Digital	2101285			
				252 litres (Two compartments)			
+2 ... -40 °C	Templow-Z	Yes	Digital	2101282			
Storage refrigerators				600 litres	600 litres Glass		
+1 ... +15 °C	Stocklow LS	Yes	Digital	2101283	-		
+1 ... +15 °C	Stocklow GS	Yes	Digital	-	2101284		
Chest Freezers				206 litres	215 litres	343 litres	352 litres
-14 ... -28 °C	Combatemp	No	Digital	2101040	-	2101041	-
-10 ... -40 °C	Combatemp	No	Digital	-	2101181	-	2101182
Flake ice maker				40 litres	85 litres	150 litres	
	"IMS 45"	Compressor	-	5020100	-	-	
	"IMS 85"	Compressor	-	-	5020101	-	
	"IMS 150B"	Compressor	-	-	-	5020103	

OTHER LOW TEMPERATURE DEVICES

Thermocycler for thermal cycles **PCR-K96**

(See page 238)

Shaking Bath **Unitronic**

(See page 93)

Cryo circulators **Frigiterm-TFT**

(See page 103)

Bath immersion coolers **Digit-cool**

(See page 105)

Refrigerated cabinet **Refricub**

(See page 218)

Cold Plate **Plac-center**

(See page 217)

Cooling Coils for baths **Frigedor**

(See page 107)

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

(See page 190)

Precision Peltier cooled incubator / cabinets **Prebatem**

(See page 155 and 156)

Refrigerated environmental cabinets **Hotcold**

(See page 160)

Incubator cabinets **Blood bank**

(See page 80)

Flake ice maker "IMS" 40, "IMS" 85 and "IMS 150"

"IMS" 40 MODEL: PRODUCTION 40 Kg-24 HOURS.
"IMS" 85 MODEL: PRODUCTION 85 Kg-24 HOURS.
"IMS" 150B MODEL: PRODUCTION 150 Kg-24 HOURS.

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
IMS-150B	5020103	150	35	98	71	69	695	70

Features: See page. 191.

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, 236 AND 544 LITRES.

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

Models Medilow M and L.
Medilow M. Capacity: DBO 3 blocks

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 / Depht (interior) cm			Height / Width / Depht (exterior) cm			Number of shelves	Internal power points	Power W	Weight Kg
MEDILOW-S	2101270	180	-	70	51	44	85	60	60	3	2	250	36
MEDILOW-M	2101271	236	-	106	47	44	125	60	61	3	2	330	47
MEDILOW-L	2101272	544	-	145	60	56	164	75	73	4	6	330	73
MEDILOW-LG*	2101273*	544	YES	145	60	56	164	75	73	4	6	330	82

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

SPARE PARTS Shelves

For Medilow S/M/L/LG Part No.	2101270	2101271	2101272/2101273
Shelves	1001813	1001814	1001815

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.

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

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

Model Pharmalow S with 4 shelves.

Refrigerator "Pharmalow" S and L

MODELS	Part No.	Capacity litres	Height / Width / Depht (interior) cm	Height / Width / Depht (exterior)cm	Number of shelves	Power W	Weight Kg
Pharmalow S	2101274	236	106 47 44	125 60 61	4	170	47
Pharmalow L	2101275	352	145 47 44	164 60 61	4	180	56

Comes complete with steel shelves, PVC laminated.

ACCESSORIES Need to be factory fitted.

Model Pharmalow S and L with frame support and drawers.

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

Details of frame support, drawers, dividers and partitions.

SPARE PARTS Shelves

For Pharmalow S/L. Part No.	2101274/2101275
Shelves	1001814

Model Pharmalow M with 6 shelves.

Storage refrigerator with double glazed anti mist door "Pharmalow" M

WITH DIGITAL ELECTRONIC TEMPERATURE CONTROL

MODEL

Part No.	Capacity litres	Height / Width / Depht (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 ±2% at 12 °C.
Chart speed selection of 24 hours or 7 days. Disc Ø 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

SPARE PARTS
Part No
1001533 Brackets (4 units).
1001536 Shelves
Each shelf requires 4 brackets.

Upright freezers “Templow” S, M,L,P and Z.

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

Upright freezer “Templow” S

DIGITAL TEMPERATURE CONTROL,
TEMPERATURE RANGE FROM -15 °C TO -25 °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 -14 °C TO -25 °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 -35 °C.
COMES WITH 4 SHELVES.

FEATURES
External and internal case made completely of AISI 304 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.

MODELS	Part No.	Capacity litres	Range °C	Height / Width / Depht (interior) cm			Height / Width / Depht (exterior) cm			Power W	Weight Kg	
TEMPLOW S	2101278	304	-15 to -25	151	44	42	184	60	63	110	81	Comes with 8 drawers
TEMPLOW M	2101279	513	-14 to -25	151	61	56	186	75	75	345	109	*Comes with 14 baskets
TEMPLOW L	2101280	600	-10 to -35	155	51	65	215	70	83	600	130	*Comes with 4 shelves

Comes with steel PVC laminated shelves and baskets.

Refrigerated cabinets with double compressor "Templow" P

FOR TEMPERATURES FROM 3°C UP TO 8°C IN UPPER CASE.
FOR TEMPERATURES FROM -9°C UP TO -30°C IN LOWER CASE.
WITH 4 TRAYS IN UPPER CASE AND 3 DRAWERS IN LOWER CASE.

FEATURES

External case and metallic door.
White coated and interior made of anti-toxic white sheet.
Double compressor which offers maximum temperature stability.
Gradual adjustment of the trays for a versatile use of the interior.
Door with lock and key.

CONTROL PANEL

Digital electronic control.
Alarms of low and high temperature, door open and power failure.
Parameters configuration.
Upper case temperature indicator display.
Lower case temperature indicator display. Parameters value increase/decrease.
Last 3 warning signs pre-setting.
10 mm diameter hole for PT100 probe.

Refrigerated cabinet "Templow" Z

FOR TEMPERATURES FROM 2 °C UP TO 9°C IN UPPER CASE.
FOR TEMPERATURES FROM -10 °C UP TO -40°C IN LOWER CASE.
WITH 3 TRAYS AND 1 DRAWER IN UPPER CASE. WITH 4 DRAWERS IN LOWER CASE.

FEATURES

External case and interior completely made of ABS resistant to chemical agents.
Hermetically sealed tropicalized compressor.
Automatic defrosting with water evaporation by temporized electrical defrost.
Supports for height adjustable shelves.
Door lock.

CONTROL PANEL

High precision electronic control with **digital** indicator.
Password lock.
Temperature printout (last 7days).
Parameters configuration.
Upper case temperature indicator display.
Lowe case temperature indicator display.
Parameters value increase/decrease.
All adjusted parameters activation.

MODELS	Code	Capacity litres	Range °C	Height/Width/Depth (interior) cm	Height/Width/Depth (exterior) cm	Power W	Weight Kg
TEMPLOW P	2101285	Upper 240 Lower 105	Upper 3 to 8 Lower -9 to -30	Upper 110 44 43 Lower 59 43 43	200 60 61	345	85
TEMPLOW Z	2101282	Upper 153 Lower 99	Upper 2 to 9 Lower -10 to -40	Upper 80 47 46 Lower 41 39 36	177 62 60	400	78

Templow P: Comes complete with 4 PVC steel coated trays and 3 plastic drawers.
Templow Z: Comes complete with 3 glass trays and 5 plastic drawers.

Storage refrigerators "Stocklow" LS and GS

NEW DESIGN

WITH FAN ASSISTED CIRCULATION.
MODEL L, WITH METAL DOOR. TEMPERATURE CONTROLLABLE FROM +1 °C TO +8 °C.
MODEL G, WITH DOUBLE GLAZED ANTI MIST DOOR.TEMPERATURE CONTROLLABLE FROM +1 °C TO +8 °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 LS which is completely made of metal, both interior and exterior, AISI 304 stainless steel door.
Stocklow GS inside made of AISI 304 stainless steel and epoxy white external case with glazed door that enables internal view.

CONTROL PANEL

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

Model Stocklow LS, with metallic door.

Model Stocklow GS, with metallic door.

MODELS	Part No.	Capacity litres	Door	Height / Width / Depht (interior) cm	Height / Width / Depht (exterior) cm	Number of shelves	Power W	Weight Kg
STOCKLOW LS	2101283	600	Metallic	138 62 68	210 73 84	3	250	120
STOCKLOW GS	2101284	600	Glass	138 62 68	210 73 84	3	250	125

Comes complete with steel shelves, PVC laminated.

Chest Freezers "Combatemp"

CONTROLLABLE TEMPERATURE RANGE FROM -14 °C TO -28 °C.
CONTROLLABLE TEMPERATURE RANGE FROM -10 °C TO -45 °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. (all models except Combatemp S-30.)
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 / Depht (interior) cm	Height / Width / Depht (exterior) cm	Power W	Weight Kg
COMBATEMP S-30	2101040	206	28	-28	74 63 53	92 75 71	160	38
COMBATEMP L-30	2101041	343	38	-28	74 100 53	92 113 71	200	56
COMBATEMP S-40	2101181	215	30	-40	63 89 41	92 113 76	230	57
COMBATEMP L-40	2101182	352	40	-40	65 117 50	92 137 81	400	72

Note: Part No. 2101040 is supplied with 1 basket. Part No. 2101041 is supplied with 2 baskets.

SPARE PARTS Baskets

For Combatemp. Part No.	2101040 / 2101041	2101181	2101182
Baskets	1001810	1001811	1001812