



WARMING CABINETS NEONATAL PRODUCTS

- I. Mother Milk Refrigerators
- II. Mother Milk Freezers
- III. Mother Milk Refrigerator and Freezers
- III. Medical Refrigerator
- IV. Baby Bottle
- V. Injector Heater
- VI. Baby Bottle and Injector Heater

BLOOD BANK REFRIGERATORS



www.sumerinc.com





About us

Sümer A.Ş. was established in 1981 in Ankara to provide services in the medical device sector. It has aimed advancement since the day of its establishment by also taking growth and compliance with the contemporary technologies and protecting the environmental conditions. Our manufacturing takes place in an area of 25.000 m² in Ankara Organized Industrial Zone.

Our Firm is following the innovations in its sector and in abroad through its research and development unit and its application staff with a strong infrastructure of engineers, and is continuing to produce devices it had developed in computer environment based on such innovations with high technology and to contribute their development so as to be most beneficial for the Turkish medicine.

With this purpose, our Firm is strictly following the "Quality Management" principles and rules from design of the products to the after sale servicing.

Our Firm has been currently certificated for compliance with ISO 9001 quality management system, ISO 13485 medical device quality management system certificate and ISO 14001 environment management system certificate and with product certificates under MDD 93/42/EEC Medical Devices Directive and PED 97/23/EEC Pressurized Equipment certificate. Furthermore, our steam sterilizers, and disinfection and washing devices have been certificated by the German accredited body.

Our Firm is successfully implementing several projects supported by Tübitak, KOSGEB, and Ankara Development Agency. SÜMER A.Ş. has been awarded with the following:
Ankara Industry Chamber Award for 2012,
2011 R&D Award,
2012 Success Award.

Our Firm possesses the following certificates;
CE Certificates under the following directives:
ISO 9001,
ISO 13485,
ISO 14001 Quality Management System,
MDD 93/42/EEC Medical Devices,
PED 97/23/EEC Pressurized Equipment



Our Vision

To make the Sümer brand a global brand to make our Firm remembered first in the sector.

Our Mission

Our main task is to create designs with competition power in the global sense by taking the priorities of the sector into consideration and being respectful to the environment and people and giving the first priority to the wishes and expectations of customers, and also to produce innovative technological medical products by meeting all the national and international legal requirements.

Our Basic Values

- We are bound up with the Medical Ethical Rules,
- We are people-oriented,
- We respect environment,
- We are creative,
- We are customer-oriented,
- We are innovative,
- We are pro-active,
- We believe in the team spirit.





WARMING CABINETS



SM series

The warming cabinets have been designed to bring the surgical fluids and solutions and or blankets, bags, solutions in plastic and glass containers to the temperature levels required for the applications in the hospital and ambulatory treatment centers.



General Characteristics

- The device consists of internal and external surfaces made from stainless steel
- The door consists of heat-resistant double glass, and can be made from stainless steel optionally
- Walls and doors of the device have double layers, and the wall thickness of walls vary between 20 and 25mm depending on the thickness of the material
- Air circulation is distributed homogeneously with a fan
- It is equipped with 4 types of user-friendly control systems selected within the ordering process
- The upper and single divisions contain the key for switching between I.V. fluids and IRA/Blankets and control to keep the temperature in the range of 32 -44°C or 32 – 71.1°C. The temperature selection for lower divisions is between 32 and 71.1°C
- Any error occurring in the device is shown on the digital screen
- The device will produce audiovisual warning when the set temperature exceeds 5.5°C (± 0.5 ° C) and turns the heater off automatically
- The double cabin control system controls the cabins and the temperatures of both cabins. Upper and lower cabins can operate at different temperatures



It is suitable for use where materials brought to predetermined temperatures must be used in some surgical, obstetrics, emergency or clinical instances. The internal structure of the device allows the simultaneous heating of blankets, linen, and solutions for irrigation and sterile surgical solutions. It can be used to heat pouches and solutions packaged in plastic or glass materials.



Indicators on the Control Panel

- Digital temperature indication
- The temperature adjustment buttons: buttons for selection of irrigation, blanket and solutions
- Off/on button for divisions
- Temperature error indicator, door status indicator
- Indicator that controls the temperatures of divisions actively
- Possibility of the required temperature through the control panel, selection of the required operation temperature program

A fan is provided within the device to ensure homogeneous air circulation within the device. The ventilation channels and fan protection grids within the device are made from inflammable material.

Technical Data Table

| General Features | |
|-----------------------------|--|
| Control System | PLC processor, Electronic card |
| Usage | Full Automatic / button and touch screen (Monochrome screen optional) |
| Screen Type | Color TFT, Touch LCD |
| Screen Dimensions | 4,3" and/or 7" (Screens in a different size may be installed on purpose.) |
| Keyboard | Touch |
| Printer | 40 characters/lines, integrated thermal printer (optional) |
| Communication | RS485 Port/USB (Ethernet Optional) |
| Warning System | Visual, auditory and written message warning |
| Data Storage | 30-day data |
| Process | Touch screen Monitoring/Tracking |
| Mobility | Easy direction on 4 rotating wheels |
| Door | Single door/Double door, heat insulated, non-vapor producing and non-moisture producing, tempered glass, magnetic sealed |
| Door Security System | Magnetic lock, open via the encoded/unencoded touchscreen |
| Fan Material | Provides homogenous air. Fan protective grating is made from non-flammable |
| Operation Temperature Range | Both partitions can be set at different temperatures for single and double doors models. According to this; |
| | 1.In IV Solution Mode : 32 OC - 44 OC (Only used for the upper cabinet.) |
| | 2.In Irrigation/Blanket Mode : 32 OC – 71,1 OC (Used both for the upper and the lower cabinet.) |
| Lighting | 3.BLT Mode: 32 OC – 94 OC (Used both for the upper and the lower cabinet.) |
| | (Note: The upper cabinet is set in IV Solution Mode by default.) |
| Wheel System | Resistant to high temperatures, LED type, automatically on upon door opening, turning on the light via the touchscreen when the door is closed |
| Alarm System | Four wheels, two of which are with brakeage |
| Shelves | Both visual and auditory alarming |
| Material | Mobile, AISI 304 quality stainless steel drawers |
| Insulation | All parts of the device, both inner and outer, are made from AISI 304 quality stainless steel |
| Power Value | 40 mm thick polyurethane material |
| | 220 V/50 Hz |



Technical Data Table

| MODELS | SM SERIES WARMING CABINET | | | | | | | | | | | | | |
|-----------------------|---------------------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | 50 | 100 | 150 | 200 | 250 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | |
| Chamber Volume (L) | 50 | 100 | 150 | 200 | 250 | 350 | 450 | 525 | 550 | 650 | 750 | 850 | 950 | 1050 |
| Chamber Width (cm) | 40 | 40 | 56 | 56 | 61 | 67 | 67 | 67 | 67 | 67 | 76 | 77 | 77 | 77 |
| Chamber Height (cm) | 32 | 54 | 51 | 68 | Down 61 Up 35 | Down 87 Up 35 | Down 80 Up 35 | Down 98 Up 35 | Down 105 Up 35 | Down 110 Up 35 | Down 113 Up 35 | Down 109 Up 35 | Down 126 Up 35 | Down 143 Up 35 |
| Chamber Depth (cm) | 40 | 47 | 53 | 53 | 43 | 43 | 59 | 59 | 59 | 67 | 67 | 77 | 77 | 77 |
| Device Width (cm) | 49 | 53 | 65 | 65 | 70 | 76 | 76 | 76 | 76 | 76 | 85 | 86 | 86 | 86 |
| Device Height (cm) | 64 | 87 | 83 | 100 | 153 | 179 | 172 | 190 | 197 | 202 | 205 | 201 | 218 | 235 |
| Device Depth (cm) | 61 | 68 | 74 | 74 | 64 | 64 | 80 | 80 | 80 | 88 | 88 | 98 | 98 | 98 |
| Packing Width (cm) | 61 | 61 | 77 | 77 | 82 | 88 | 88 | 88 | 88 | 88 | 97 | 98 | 98 | 98 |
| Packing Height (cm) | 80 | 102 | 99 | 116 | 169 | 195 | 188 | 206 | 213 | 218 | 221 | 217 | 234 | 251 |
| Packing Depth (cm) | 73 | 80 | 86 | 86 | 76 | 76 | 92 | 92 | 92 | 100 | 100 | 110 | 110 | 110 |
| Single Door | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Double Door | - | - | - | - | + | + | + | + | + | + | + | + | + | + |
| Touchscreen | 4,3" | 4,3" | 4,3" | 4,3" | 4,3" | 4,3" | 7" | 7" | 7" | 7" | 7" | 7" | 7" | 7" |
| RS232 | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Electrical Connection | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz |
| Device Weight (Kg) | 50 | 75 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | |

Optional Control Systems

- Heating between 32°C and 94°C is possible
- Possibility of connection to a computer and recording the temperature values through the USB connection Membrane digital screen control system—silver
- Membrane digital screen control system— diamond (with keypad)
- Membrane digital screen control system— diamond (with keypad)
- Mechanical or electronic door locking system with single- or double-door cabin characteristics





NEONATAL PRODUCTS

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SM series

- I. Mother Milk Refrigerators
- II. Mother Milk Freezers
- III. Mother Milk Refrigerator and Freezers
- IV. Medical Refrigerators

This device produced by Sümer A.Ş. ensures storage and freezing of breast milk without losing its nutritional value particularly in hospitals, neonatal intensive care units and gynecology and obstetrics units.



General Characteristics

- PLC control system
- Stainless steel internal and external materials
- Three-layer glass door for perfect insulation
- Lockable door with magnetic gasket
- Alarm Systems: Low and high temperature, power failure and temperature sensor failure, audiovisual alarm system for the door left open
- Alarm system is fed by the battery that is charged automatically
- Lighting controlled with one single key on the indicator panel
- Insulation with injected high-density polyurethane
- Mobile rack system with special divisions made from stainless steel
- Housings for feeding bottles and milk pouches for storage on racks
- Special lighting system



**MEDICAL
REFRIGERATORS
+4°C**



**MOTHER MILK
FREEZERS
-20°C**



**MOTHER MILK
REFRIGERATOR AND FREEZERS
-20°C +4°C**



**MOTHER MILK
REFRIGERATORS
+4°C**

Technical Data Table

| MODELS | SM SERIES MOTHER MILK REFRIGERATORS (SM-ASM) / MOTHER MILK FREEZERS (SM-ASD) / MOTHER MILK REFRIGERATOR AND FREEZERS (SM-MD) / MEDICAL REFRIGERATORS (SM-MS) | | | | | | | | | | | | | | | |
|-----------------------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----|------|-----|------|-----|
| | 150 | 250 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | 1250 | | | | | |
| Chamber Volume (L) | 150 | 200 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | 1250 | | | | | |
| Chamber Width (cm) | 55 | 44 | 52 | 52 | 58 | 85 | 85 | 95 | 95 | 95 | 105 | | | | | |
| Chamber Height (cm) | 70 | 107 | 135 | 135 | Down | 79 | Down | 113 | Down | 113 | Down | 113 | Down | 113 | Down | 113 |
| | | | | | Up | 58 | Up | 30 | Up | 30 | Up | 30 | Up | 30 | Up | 30 |
| Chamber Depth (cm) | 45 | 43 | 66 | 66 | 70 | 83 | 83 | 93 | 93 | 93 | 103 | | | | | |
| Device Width (cm) | 70 | 52 | 65 | 65 | 65 | 95 | 95 | 105 | 105 | 105 | 115 | | | | | |
| Device Height (cm) | 102 | 142 | 202 | 202 | 196 | 169 | 183 | 170 | 180 | 192 | 186 | | | | | |
| Device Depth (cm) | 62 | 59 | 75 | 75 | 75 | 95 | 95 | 105 | 105 | 105 | 115 | | | | | |
| Single Door | + | + | + | + | + | + | + | + | + | + | + | | | | | |
| Double Door | - | - | - | - | + | + | + | + | + | + | + | | | | | |
| Touchscreen | 4,3" | 4,3" | 7" | 7" | 7" | 7" | 7" | 7" | 7" | 7" | 7" | | | | | |
| RS232 | + | + | + | + | + | + | + | + | + | + | + | | | | | |
| Electrical Connection | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | 220 V 50Hz | | | | | |
| Device Weight (Kg) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 650 | | | | | |

— MOTHER MILK REFRIGERATORS:

Operation in 0°C / 10°C range, and fixing at + 4°C

— MOTHER MILK FREEZERS: Operation in

-25°C / 0°C range, and fixing at -20°C

— MOTHER MILK REFRIGERATOR AND FREEZERS (COMBINED SYSTEM):

Operation in the range of 0°C / 10°C and fixing at + 4°C in the storage section, and operation in the range of -25°C / 0°C and fixing at, -20°C in the freezing section

— MEDICAL REFRIGERATORS:

Operation in 0°C / 10°C range, and fixing at + 4°C

V. Baby Bottle Heater

VI. Injector Heater

VII. Feeding Bottle and Injector Heater

The device ensures the safe heating of the breast milk and baby food taken out from the freezer or deep freezer or kept at room temperature or keeping them at the set temperature.

- Minimum energy consumption by cutting in and out with very short intervals during the operation
- Featuring operation with dry system
- Featuring continuous operation for 24 hours at the set ideal feeding temperature
- Featuring keeping the temperature fixed when the set temperature is reached
- Heating chamber made from aluminium
- Removable Baby Bottle divisions

For Baby Bottle with volumes between 80 ml and 150 ml

12 Baby Bottles,

24 Baby Bottles,

30 Baby Bottles,



BABY BOTTLE HEATER

Optional

- Optional 60 – 120 ml Feeding Bottle capacity,
- Optional digital temperature indicator and temperature setting button,
- Optional door addition feature.
- Optional production Feeding Bottle size is possible.



BABY BOTTLE AND INJECTOR HEATER
(COMBINED SYSTEM)



It is designed for heating the mother milk or baby food taken out from the refrigerator to temperatures suitable for feeding the babies and keeping them at that temperature, and have been manufactured to buy time for personnel working in the unit.

The device is designed for infants fed through injectors.

“ Reliable Quality Cutting edge ”

- Minimum energy consumption by cutting in and out with very short intervals during the operation
- Featuring operation with dry system
- Featuring continuous operation for 24 hours at the set ideal feeding temperature
- Featuring keeping the temperature fixed when the set temperature is reached
- Heating chamber made from aluminum
- Removable Baby Bottle divisions

It is produced with 30 injector capacity. The standard injector volume distribution of the injector heater is as follows:

10 pieces 5-ml injectors

10 pieces 10-ml injectors

10 pieces 20-ml injectors

Injector volume distribution can be changed optionally



INJECTOR HEATER



It is use with the purpose of heating the food stuff such as mother milk or baby food before feeding them to the baby to a certain temperature (36-38 °C) within injectors in neonatal units to babies without sucking function or in intensive care units where it is not possible to take babies out.

Technical Data Table

Bottle & Injector Warmers – General Features

| | |
|-----------------------------|---|
| Control System | PID-Controlled |
| Usage | Full automatic / button screen |
| Screen Type | Color |
| Screen Size | 3" |
| Keyboard | Push-button |
| Warning System | Visual error code |
| Process Monitoring/Tracking | Color, 3" screen |
| Mobility | 4 fixed legs |
| Inner Material | Inner part of the device is made from anodized aluminum. |
| Outer Material | Outer part of the device is made from electrostatic powder painted scoured steel plate. |
| Insulation | With non-CFC (chlorofluorocarbon) fiberglass |
| Power Value | 220 V/50 Hz |

SM SERIES BOTTLE WARMER DIMENSIONS TABLE

| PRODUCT | WIDTH (mm) | LENGTH (mm) | HEIGHT (mm) |
|-----------------------|------------|-------------|-------------|
| 6 SLOT BOTTLE WARMER | 205 | 350 | 150 |
| 12 SLOT BOTTLE WARMER | 270 | 410 | 150 |
| 24 SLOT BOTTLE WARMER | 335 | 540 | 150 |
| 30 SLOT BOTTLE WARMER | 400 | 540 | 150 |
| 50 SLOT BOTTLE WARMER | 415 | 820 | 150 |

SM SERIES INJECTOR WARMER DIMENSIONS TABLE

| PRODUCT | WIDTH (mm) | LENGTH (mm) | HEIGHT (mm) |
|-----------------------|------------|-------------|-------------|
| 20 SLOT BOTTLE WARMER | 170 | 550 | 205 |
| 30 SLOT BOTTLE WARMER | 160 | 550 | 205 |
| 50 SLOT BOTTLE WARMER | 120 | 550 | 205 |





BLOOD BANK REFRIGERATORS



SM Series

Blood Bank Refrigerator have been designed so as to be compliant with standards related to production and products. It is used to keep blood at +4 °C (± 2 °C) in hospitals And blood storage banks.

General Characteristics

| | |
|-----------------------------|---|
| Control System | PLC processor, Electronic card |
| Way of use | Full automatic/ buttons and touch screen (Monochrome screen, optional) |
| Screen Type | Color TFT, Touch screen LCD |
| Screen Dimensions | 4,3" (Optional screens with different dimensions are also possible.) |
| Keypad | Touch |
| Printer | 40 characters/lines, integrated thermal printer (Optional) |
| Communication | RS485 Port/USB (Ethernet Optional) |
| Warning system | Warnings with audiovisual and written messages |
| Data Storage | Data of 30 days |
| Procedure follow-up/tracing | Touch Screen |
| Motility | Easy orientation on 4 swivel castors |
| Door characteristics | Single door, temperature-insulated, does not cause vaporization or humidity, contains tempered glass and magnetic gasket |
| Door Safety System | Magnetic lock system, featuring the possibility of opening through the touch screen with or without password |
| Fan characteristics | It provides homogeneous air. Fan protection grids are made from non-flammable material |
| Operation Range | 4 °C \pm 2 °C |
| Lighting | Automatic lightening upon opening of the door with LED-type bulbs resistant against wide ranges, featuring the possibility of turning the lights on also when the door is open through the touch screen |
| Castor System | It is equipped with four castors, out of which two have brakes |
| Alarm System | The device is capable of producing both audio and visual alarms |
| Rack characteristics | Mobile racks made from AISI 304 quality stainless steel |
| Material characteristics | All the internal and external fixtures of the device are made from AISI 304 quality stainless steel |
| Insulation | Polyurethane material 40 mm in thickness has been used |
| Power value | 220 V/50 Hz |



All the racks are removable to ensure easy placement and removal of materials in and out the blood bank refrigerator. You can remove any of the divisions with the purpose of larger bottles.



Relevant Standards and Directives

| | |
|---|---|
| Medical Device Directive | MDD 93/42/EEC / 2007/47/EC |
| Medical Device Class | Class IIa, MDD 93/42/EEC, 2007/47/EC (Encl. IX) |
| Low-voltage Directive | 2006/95/EC - EN 60601-1 |
| Electromagnetic Compatibility Directive | 2004/108/EC EN 60601-1-2 |
| 2004/108/EC EN 60601-1-2 | ISO 9001 |
| Medical Devices Quality Management System | ISO 13485 |
| Environment Management Quality System | ISO 14001 |



Internal Volume Dimensions

| MODELS | SM SERIES BLOOD BANK REFRIGERATOR | | | | | | | | | | |
|-----------------|-----------------------------------|-----|------|------|------|------|------|------|------|------|------|
| | 150 | 250 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | 1250 |
| Device Model | 150 | 250 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | 1250 |
| Cell Volume (L) | 150 | 250 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | 1250 |
| Height (mm) | 590 | 800 | 1010 | 1220 | 1420 | 1110 | 1250 | 1120 | 1220 | 1340 | 1280 |
| Width (mm) | 700 | 700 | 700 | 700 | 700 | 850 | 850 | 950 | 950 | 950 | 1050 |
| Depth (mm) | 680 | 680 | 680 | 680 | 680 | 830 | 830 | 930 | 930 | 930 | 1030 |

Device Dimensions

| MODELS | SM SERIES BLOOD BANK REFRIGERATOR | | | | | | | | | | |
|-----------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|
| | 150 | 250 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | 1250 |
| Device Model | 150 | 250 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | 1250 |
| Cell Volume (L) | 150 | 250 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | 1250 |
| Height (mm) | 1170 | 1380 | 1590 | 1800 | 2000 | 1690 | 1830 | 1700 | 1800 | 1920 | 1860 |
| Width (mm) | 800 | 800 | 800 | 800 | 800 | 950 | 950 | 1050 | 1050 | 1050 | 1150 |
| Depth (mm) | 800 | 800 | 800 | 800 | 800 | 950 | 950 | 1050 | 1050 | 1050 | 1150 |

| CLASS | SYMBOL | MEAN AMBIENT TEMPERATURE (+°C) |
|----------------|--------|--------------------------------|
| Very Temperate | SN | 10–32 |
| Temperate | N | 16–32 |
| Subtropical | ST | 16–38 |
| Tropical | T | 16–43 |

Ambient temperature for the operation of the device must be between 10°C and 40°C, and the ambient humidity must be maximum 70%.

Placement of blood pouches

- You can place 24 pouches in each of the 24 divisions by placing with openings facing different directions in turn.
- You can place 120 bottles/pouches on 5 racks.
- Bottles with long necks must be placed in lower divisions to avoid obstacles on the door way.

Tips and recommendations related to placement

- Bottles in the upper divisions right below the lights are exposed to temperatures very slightly higher when lights are on. Place blood pouches accordingly, and remember to turn the lights off the device will not be in use for long while.
- Place the blood pouches assigned for daily use in the front parts of divisions so that the labels will be read easily. Place the blood pouches assigned for use after a while at the back parts.
- Do not let children to climb on the divisions of the device, to step on them, or to hang on them. These can result in serious injuries or serious damage on the device.

- Glass screen with special design
- Touch screen keypad
- Audio alarm feature
- Special door system operating with a password
- Changeable screen color

“
High Technology
Superior performance
”



Warming Cabinet

■ SM Series Warming Cabinet

| REFERENCE NUMBER | PRODUCT NAME | MODEL | GMDN CODE |
|------------------|---|---------------|---------------------------------------|
| 8698918584044 | SM-IK Warming Cabinet 250 L | SM-IK 250 L | 38469 - Hot therapy pack heating unit |
| 8698918584051 | SM-IK Warming Cabinet 350 L | SM-IK 350 L | 38469 - Hot therapy pack heating unit |
| 8698918584068 | SM-IK Warming Cabinet 450 L | SM-IK 450 L | 38469 - Hot therapy pack heating unit |
| 8698918584075 | SM-IK Warming Cabinet 550 L | SM-IK 550 L | 38469 - Hot therapy pack heating unit |
| 8698918584082 | SM-IK Warming Cabinet 650 L | SM-IK 650 L | 38469 - Hot therapy pack heating unit |
| 8698918584099 | SM-IK Warming Cabinet 750 L | SM-IK 750 L | 38469 - Hot therapy pack heating unit |
| 8698918584105 | SM-IK Warming Cabinet 850 L | SM-IK 850 L | 38469 - Hot therapy pack heating unit |
| 8698918584112 | SM-IK Warming Cabinet 950 L | SM-IK 950 L | 38469 - Hot therapy pack heating unit |
| 8698918584129 | SM-IK Warming Cabinet 1050 L | SM-IK 1050 L | 38469 - Hot therapy pack heating unit |
| 8698918587007 | SM-TKI Single Door Warming Cabinet 50 L | SM-TKI 50 L | 38469 - Hot therapy pack heating unit |
| 8698918587014 | SM-TKI Single Door Warming Cabinet 100 L | SM-TKI 100 L | 38469 - Hot therapy pack heating unit |
| 8698918587021 | SM-TKI Single Door Warming Cabinet 150 L | SM-TKI 150 L | 38469 - Hot therapy pack heating unit |
| 8698918587038 | SM-TKI Single Door Warming Cabinet 200 L | SM-TKI 200 L | 38469 - Hot therapy pack heating unit |
| 8698918587045 | SM-TKI Single Door Warming Cabinet 250 L | SM-TKI 250 L | 38469 - Hot therapy pack heating unit |
| 8698918587052 | SM-TKI Single Door Warming Cabinet 350 L | SM-TKI 350 L | 38469 - Hot therapy pack heating unit |
| 8698918587069 | SM-TKI Single Door Warming Cabinet 450 L | SM-TKI 450 L | 38469 - Hot therapy pack heating unit |
| 8698918587076 | SM-TKI Single Door Warming Cabinet 550 L | SM-TKI 550 L | 38469 - Hot therapy pack heating unit |
| 8698918587083 | SM-TKI Single Door Warming Cabinet 650 L | SM-TKI 650 L | 38469 - Hot therapy pack heating unit |
| 8698918587090 | SM-TKI Single Door Warming Cabinet 750 L | SM-TKI 750 L | 38469 - Hot therapy pack heating unit |
| 8698918587106 | SM-TKI Single Door Warming Cabinet 850 L | SM-TKI 850 L | 38469 - Hot therapy pack heating unit |
| 8698918587113 | SM-TKI Single Door Warming Cabinet 950 L | SM-TKI 950 L | 38469 - Hot therapy pack heating unit |
| 8698918587120 | SM-TKI Single Door Warming Cabinet 1050 L | SM-TKI 1050 L | 38469 - Hot therapy pack heating unit |

Blood Bank Refrigerator

■ SM Series Blood Bank Refrigerator

| REFERENCE NUMBER | PRODUCT NAME | MODEL | GMDN CODE |
|------------------|---------------------------------------|---------------|---------------------------------|
| 8698918580756 | SM-KSD Blood Bank Refrigerator 150 L | SM-KSD 150 L | 35486 - Blood bank refrigerator |
| 8698918580800 | SM-KSD Blood Bank Refrigerator 250 L | SM-KSD 250 L | 35486 - Blood bank refrigerator |
| 8698918580817 | SM-KSD Blood Bank Refrigerator 350 L | SM-KSD 350 L | 35486 - Blood bank refrigerator |
| 8698918580824 | SM-KSD Blood Bank Refrigerator 450 L | SM-KSD 450 L | 35486 - Blood bank refrigerator |
| 8698918580831 | SM-KSD Blood Bank Refrigerator 550 L | SM-KSD 550 L | 35486 - Blood bank refrigerator |
| 8698918580848 | SM-KSD Blood Bank Refrigerator 650 L | SM-KSD 650 L | 35486 - Blood bank refrigerator |
| 8698918580909 | SM-KSD Blood Bank Refrigerator 750 L | SM-KSD 750 L | 35486 - Blood bank refrigerator |
| 8698918580916 | SM-KSD Blood Bank Refrigerator 850 L | SM-KSD 850 L | 35486 - Blood bank refrigerator |
| 8698918580923 | SM-KSD Blood Bank Refrigerator 950 L | SM-KSD 950 L | 35486 - Blood bank refrigerator |
| 8698918580930 | SM-KSD Blood Bank Refrigerator 1050 L | SM-KSD 1050 L | 35486 - Blood bank refrigerator |
| 8698918580947 | SM-KSD Blood Bank Refrigerator 1250 L | SM-KSD 1250 L | 35486 - Blood bank refrigerator |

Neonatal Products

■ SM-ASM Mother Milk Refrigerators

| REFERENCE NUMBER | PRODUCT NAME | MODEL | GMDN CODE |
|------------------|---|---------------|-----------------------------------|
| 8698918584075 | SM-ASM Mother Milk Refrigerators 150 L | SM-ASM 150 L | 17157 - Mother Milk Refrigerators |
| 8698918584082 | SM-ASM Mother Milk Refrigerators 250 L | SM-ASM 250 L | 17157 - Mother Milk Refrigerators |
| 8698918584099 | SM-ASM Mother Milk Refrigerators 350 L | SM-ASM 350 L | 17157 - Mother Milk Refrigerators |
| 8698918584105 | SM-ASM Mother Milk Refrigerators 450 L | SM-ASM 450 L | 17157 - Mother Milk Refrigerators |
| 8698918584112 | SM-ASM Mother Milk Refrigerators 550 L | SM-ASM 550 L | 17157 - Mother Milk Refrigerators |
| 8698918584129 | SM-ASM Mother Milk Refrigerators 650 L | SM-ASM 650 L | 17157 - Mother Milk Refrigerators |
| 8698918584136 | SM-ASM Mother Milk Refrigerators 750 L | SM-ASM 750 L | 17157 - Mother Milk Refrigerators |
| 8698918584143 | SM-ASM Mother Milk Refrigerators 850 L | SM-ASM 850 L | 17157 - Mother Milk Refrigerators |
| 8698918584150 | SM-ASM Mother Milk Refrigerators 950 L | SM-ASM 950 L | 17157 - Mother Milk Refrigerators |
| 8698918584167 | SM-ASM Mother Milk Refrigerators 1050 L | SM-ASM 1050 L | 17157 - Mother Milk Refrigerators |
| 8698918584174 | SM-ASM Mother Milk Refrigerators 1250 L | SM-ASM 1250 L | 17157 - Mother Milk Refrigerators |

■ SM-ASD Mother Milk Freezers

| REFERENCE NUMBER | PRODUCT NAME | MODEL | GMDN CODE |
|------------------|------------------------------------|---------------|------------------------------|
| 8698918583801 | SM-ASD Mother Milk Freezers 150 L | SM-ASD 150 L | 17157 - Mother Milk Freezers |
| 8698918583818 | SM-ASD Mother Milk Freezers 250 L | SM-ASD 250 L | 17157 - Mother Milk Freezers |
| 8698918583825 | SM-ASD Mother Milk Freezers 350 L | SM-ASD 350 L | 17157 - Mother Milk Freezers |
| 8698918583832 | SM-ASD Mother Milk Freezers 450 L | SM-ASD 450 L | 17157 - Mother Milk Freezers |
| 8698918583849 | SM-ASD Mother Milk Freezers 550 L | SM-ASD 550 L | 17157 - Mother Milk Freezers |
| 8698918583856 | SM-ASD Mother Milk Freezers 650 L | SM-ASD 650 L | 17157 - Mother Milk Freezers |
| 8698918583863 | SM-ASD Mother Milk Freezers 750 L | SM-ASD 750 L | 17157 - Mother Milk Freezers |
| 8698918583870 | SM-ASD Mother Milk Freezers 850 L | SM-ASD 850 L | 17157 - Mother Milk Freezers |
| 8698918583887 | SM-ASD Mother Milk Freezers 950 L | SM-ASD 950 L | 17157 - Mother Milk Freezers |
| 8698918583894 | SM-ASD Mother Milk Freezers 1050 L | SM-ASD 1050 L | 17157 - Mother Milk Freezers |
| 8698918583900 | SM-ASD Mother Milk Freezers 1250 L | SM-ASD1250 L | 17157 - Mother Milk Freezers |

■ SM-MD Mother Milk Refrigerators and Freezers

| REFERENCE NUMBER | PRODUCT NAME | MODEL | GMDN CODE |
|------------------|---|--------------|--|
| 8698918583917 | SM-MD Mother Milk Refrigerators and Freezers 550 L | SM-MD 550 L | 17157 - Mother Milk Refrigerators and Freezers |
| 8698918583924 | SM-MD Mother Milk Refrigerators and Freezers 650 L | SM-MD 650 L | 17157 - Mother Milk Refrigerators and Freezers |
| 8698918583931 | SM-MD Mother Milk Refrigerators and Freezers 750 L | SM-MD 750 L | 17157 - Mother Milk Refrigerators and Freezers |
| 8698918583948 | SM-MD Mother Milk Refrigerators and Freezers 850 L | SM-MD 850 L | 17157 - Mother Milk Refrigerators and Freezers |
| 8698918583955 | SM-MD Mother Milk Refrigerators and Freezers 950 L | SM-MD 950 L | 17157 - Mother Milk Refrigerators and Freezers |
| 8698918583962 | SM-MD Mother Milk Refrigerators and Freezers 1050 L | SM-MD 1050 L | 17157 - Mother Milk Refrigerators and Freezers |
| 8698918583979 | SM-MD Mother Milk Refrigerators and Freezers 1250 L | SM-MD 1250 L | 17157 - Mother Milk Refrigerators and Freezers |

■ SM-MS Medical Refrigerator

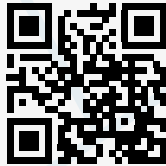
| REFERENCE NUMBER | PRODUCT NAME | MODEL | GMDN CODE |
|------------------|------------------------------------|--------------|-------------------------------|
| 8698918583696 | SM-MS Medical Refrigerators 150 L | SM-MS 150 L | 17157 - Medical Refrigerators |
| 8698918583702 | SM-MS Medical Refrigerators 250 L | SM-MS 250 L | 17157 - Medical Refrigerators |
| 8698918583719 | SM-MS Medical Refrigerators 350 L | SM-MS 350 L | 17157 - Medical Refrigerators |
| 8698918583726 | SM-MS Medical Refrigerators 450 L | SM-MS 450 L | 17157 - Medical Refrigerators |
| 8698918583733 | SM-MS Medical Refrigerators 550 L | SM-MS 550 L | 17157 - Medical Refrigerators |
| 8698918583740 | SM-MS Medical Refrigerators 650 L | SM-MS 650 L | 17157 - Medical Refrigerators |
| 8698918583757 | SM-MS Medical Refrigerators 750 L | SM-MS 750 L | 17157 - Medical Refrigerators |
| 8698918583764 | SM-MS Medical Refrigerators 850 L | SM-MS 850 L | 17157 - Medical Refrigerators |
| 8698918583771 | SM-MS Medical Refrigerators 950 L | SM-MS 950 L | 17157 - Medical Refrigerators |
| 8698918583788 | SM-MS Medical Refrigerators 1050 L | SM-MS 1050 L | 17157 - Medical Refrigerators |
| 8698918583795 | SM-MS Medical Refrigerators 1250 L | SM-MS 1250 L | 17157 - Medical Refrigerators |

■ Bottle /Injector Warmer

| REFERENCE NUMBER | PRODUCT NAME | MODEL | GMDN CODE |
|------------------|--|--|-------------------------------|
| 8698918584037 | SM - ASB 6 Slot Bottle Warmer | SM - ASB 6 Slot Bottle Warmer | 36364 Bottle/ Injector Warmer |
| 8698918583986 | SM – ASB 12 Slot Bottle Warmer | SM – ASB 12 Slot Bottle Warmer | 36364 Bottle/ Injector Warmer |
| 8698918583993 | SM - ASB 24 Slot Bottle Warmer | SM - ASB 24 Slot Bottle Warmer | 36364 Bottle/ Injector Warmer |
| 8698918584006 | SM - ASB 30 Slot Bottle Warmer | SM - ASB 30 Slot Bottle Warmer | 36364 Bottle/ Injector Warmer |
| 8698918584044 | SM - ASB 50 Slot Bottle Warmer | SM - ASB 50 Slot Bottle Warmer | 36364 Bottle/ Injector Warmer |
| 8698918584013 | SM – ASE 20 Slot Injector Warmer | SM – ASE 20 Slot Injector Warmer | 36364 Bottle/ Injector Warmer |
| 8698918584051 | SM – ASE 30 Slot Injector Warmer | SM – ASE 30 Slot Injector Warmer | 36364 Bottle/ Injector Warmer |
| 8698918584068 | SM – ASE 50 Slot Injector Warmer | SM – ASE 50 Slot Injector Warmer | 36364 Bottle/ Injector Warmer |
| 8698918584020 | SM – ASF Bottle Warmer and Injector Warmer | SM – ASF Bottle Warmer and Injector Warmer | 36364 Bottle/ Injector Warmer |



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Code no : SÜB.04-1
Date : 30.11.2017
Revision : Rev.1



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