



EMSAS®

MEDICAL COOLING & HEATING SYSTEMS

www.emsas-as.com.tr

EE Serie (-5°C / -30°C)



- The outer surface of the device is made of galvanized steel, painted with electrostatic paint to protect against rust. The inner surface is produced of stainless steel.
- The device operates with 195-230 V/50 Hz network voltage.
- The door of the device comes with a high density polyurethane filling insulation, which has a heating surface and magnetic seal rings to provide impermeability.
- The inner shelf system has been produced of stainless steel material. It has been designed in ergonomics for speeding up the air circulation.
- The deep freezer provides the opportunity to store between -5°C /-30°C.
- The insulation of the deep freezer is provided with a high density of polyurethane material.
- The device works smooth and quietly.
- There is a filter warning indicator showing the air filter status on the front control panel of the device. The air filter is easily removable and washable.
- The device has full automatic defrost system in order to protect the productivity of the cooling evaporator.
- A user-friendly digital control panel with a micro processor has been used on the device. This system can keep the data in memory for 30 days.
- There is a USB socket to transfer the cabinet temperature information to the computer when requested. In this way, the 10 year old temperature records can be transferred to the PC in excel format.
- The thermostat at the control panel of the device can make measurements with 0.1 degree sensitivity.
- There is an accumulator system charged automatically at the control panel of the device. This system allows the control panel and thermal printer (if available) to operate for 24 hours when the electricity cuts off.
- The freezer alerts you with visual and audio signals when the lower and upper temperature limits are exceeded, the door of the device is left open, low voltage and/or electricity cut off problems occurs.
- The refrigerant and the insulation of the deep freezer do not contain CFC gas which is harmful for the OZONE.
- There are two braked and two regular castors on the device that provide easy portability.
- As per request of the user, a thermal printer can be installed at the device. The numerical printout of the recorded data can be taken with the thermal printer.
- All medical devices produced by Emsas are guaranteed for 2 years.
- All our products are produced in line with the ISO 9001:2008, ISO 13485 TSE service place competence certificates. Our deep freezers have CE certificates.
- Adjustable shelves feature is standard. The shelf quantities can be changed according to the customer demand as optional feature.

EE 300



**OPTIONAL THERMAL
PRINTER**



**OPTIONAL TOUCH
SCREEN DISPLAY**



**OPTIONAL GRAPHICAL
CHART RECORDER**



OPTIONAL CHROME SHELVES

EE 150
(-5°C/-30°C)



EE 300
(-5°C/-30°C)



EE 100
(-5°C/-30°C)



YEE 300
(-5°C/-30°C)

EE 600
(-5°C/-30°C)



| MODEL | YEE 300 | EE 100 | EE 150 | EE 300 | EE 600 |
|-------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Temperature Range | -5°C / -30°C |
| Set Point | -20°C | -20°C | -20°C | -20°C | -20°C |
| External Dimensions (WxLxH) mm | 1300x755x828 | 600x660x1050 | 600x670x1650 | 765x830x1950 | 910x842x1938 |
| Internal Dimensions (WxLxH) mm | 1086x558x660 | 478x498x556 | 450x467x1000 | 570x593x1190 | 753x630x1427 |
| Volume | 340 L | 132 L | 210 L | 402 L | 677 L |
| Polyurathane (mm) | 100 mm | 61 mm | 75 mm | 97,5 mm | 78,5 mm |
| Packaged Dimensions (WxLxH)mm | 1500x850x950 mm | 650x710x1260 mm | 605x700x1750 mm | 800x850x2050 mm | 990x980x2100 mm |
| Gross (KG) | 150 Kg | 100 Kg | 125 Kg | 215 Kg | 260 Kg |
| Interior Lighting | - | - | - | - | - |
| Door Lock | + | + | + | + | + |
| Alarm | + | + | + | + | + |
| Internal Surface | Stainless Steel Cr-Ni 304 |
| External Surface | Galvanized sheet with electrostatic paint Optional / Stainless Steel Cr-Ni 304 | Galvanized sheet with electrostatic paint Optional / Stainless Steel Cr-Ni 304 | Galvanized sheet with electrostatic paint Optional / Stainless Steel Cr-Ni 304 | Galvanized sheet with electrostatic paint Optional / Stainless Steel Cr-Ni 304 | Galvanized sheet with electrostatic paint Optional / Stainless Steel Cr-Ni 304 |
| Heating / Cooling System | Fan System | Fan System | Fan System | Fan System | Fan System |
| Insulation | CFC Free - Polyurathane | CFC Free - Polyurethane |
| Shelves | 2 Pcs | 2 Pcs | 3 Pcs | 4 Pcs | 4 Pcs |
| Thermal Printer / G. Chart Recorder | Optional | Optional | Optional | Optional | Optional |
| PC Connection | USB | USB | USB | USB | USB |
| Castors | 2 Braked , 2 Regular |
| Temperature Sensor | NTC | NTC | NTC | NTC | NTC |
| Control System | Microprocessor Control |
| Voltage | 230 V - 50 Hz | 220v-50hz | 220v-50hz | 220v-50hz | 220v-50hz |
| Cooling Gas | R404a | R404a | R404a | R404a | R404a |
| Natural Gas | Optional | Optional | Optional | Optional | Optional |



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www.emsas-as.com.tr
www.kandolabi.com
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ISO 9001:2008
ISO 13485



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