



EMSAS®

MEDICAL COOLING & HEATING SYSTEMS

www.emsas-as.com.tr

EMI Serie

(Rt+5 °C / +80 °C)

EMI-D 500
(RT+5°C / +80°C)



- The outer surface of the device has been produced of galvanized sheet with electrostatic paint resistant to rust and the inner surface is produced of chrome nickel sheet. Works with 220V/50 Hz mains voltage.
- Temperature change ability with password.
- Cabinet's door is double coated heat glassed, lockable and magnetic sealed which allows stocktaking.
- There are plastic covered wire shelves which can be adjusted according to the user's request.
- The cabinet has over-temperature protection as electronic up to 80 degrees, mechanically up to 90 degrees.
- Equal heat distribution is provided by the reinforced fan system in the cabinet.
- There is a filter in the device to prevent the possibility of an external contamination to the air circulation system.
- A fully automatic defrost system is available to maintain the efficiency of the cupboard cooling evaporator.
- Cabinet interior lighting is realized with led lighting.
- A user friendly microprocessor digital control panel is used on the cabinet. This system can store the data for 30 days in the memory and the old records can be followed on the screen.
- 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 in the cabinet control panel can measure with 0.1 degree accuracy.
- Sensor adjustment can be done via electronic card to match external sensor and cabinet grades.
- 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.
- When the upper and lower temperature limits are exceeded while the cupboard was working, while the door is open, the appliance gives a visual and audible warning signal when an electrical interruption occurs.
- Warming time: 3-7 hours
- As per the request of the user, a thermal printer can be installed at the device. The numerical print out of the data recorded with the thermal printer can be taken.
- All medical devices produced by Emsaş A.S. are guaranteed for 2 years.
- All our products are produced in line with the ISO 9001:2008, TSE service place competence certificates. The device has CE certificates and barcode.

EMI-D 500



OPTIONAL THERMAL
PRINTER



OPTIONAL TOUCH
SCREEN DISPLAY



STANDARD CHROME SHELVES

EMI 50
(Rt+5°C/+80°C)



EMI 80
(Rt+5°C/+80°C)



EMI 150
(Rt+5°C/+80°C)



EMI 250 (Chrome)
(Rt+5°C/+80°C)



EMI 350
(Rt+5°C/+80°C)



MODEL	EMI 50	EMI 80	EMI 150	EMI 250	EMI 350	EMI-D 500
Temperature Range	Rt+5°C / +80°C	Rt+5°C / +80°C	Rt+5°C / +80°C	Rt+5°C / +80°C	Rt+5°C / +80°C	Rt+5°C / +80°C
Set Point	+50°C	+50°C	+50°C	+50°C	+50°C	+50°C
External Dimensions (WxLxH) mm	600x695x910	452x653x752	600x660x1446	765x823x900	600x660x2040	765x825x2020
Internal Dimensions (WxLxH) mm	496x455x496	368x365x420	516x472x797	660x360x900	515x472x1390	666x552x536
Volume	140 L	100 L	225 L	250 L	388 L	295 L * 2 (for 2 cabinet)
Polyurethane (mm)	52 mm	50 mm	42,5 mm	42,5 mm	42,5 mm	50 mm
Packaged Dimensions (WxLxH)mm	680x740x1050x	630x700x950x	680x740x1540	870x930x1030	670x710x2150	850x900x2100
Gross KG	85 Kg	50 Kg	107 Kg	105 Kg	120 Kg	150 Kg
Interior Lightening	+	+	+	+	+	+
Door Lock	+	+	+	+	+	+
Alarm	+	+	+	+	+	+
Internal Surface	Stainless Steel Cr-Ni 304	Stainless Steel Cr-Ni 304	Stainless Steel Cr-Ni 304	Stainless Steel Cr-Ni 304	Stainless Steel Cr-Ni 304	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	Chrome	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	Fan System
Insulation	CFC Free - Polyurathane	CFC Free - Polyurathane	CFC Free - Polyurathane	CFC Free - Polyurathane	CFC Free - Polyurathane	CFC Free - Polyurathane
Shelves	1 Pcs	1 Pcs	3 Pcs	2 Pcs	5 Pcs	2 Pcs / 2 Pcs
Chrome Shelves	Standard	Standard	Standard	Standard	Standard	Standard
Thermal Printer	Optional	Optional	Optional	Optional	Optional	Optional
SMS and E-MAIL MODULE	Optional	Optional	Optional	Optional	Optional	Optional
PC Connection	USB	USB	USB	USB	USB	USB
Castor	2 Braked , 2 Regular	2 Braked , 2 Regular	2 Braked , 2 Regular	2 Braked , 2 Regular	2 Braked , 2 Regular	2 Braked , 2 Regular
Temperature Sensor	NTC	NTC	NTC	NTC	NTC	NTC
Control System	PID	PID	PID	PID	PID	PID
Voltage	220v-50hz	220v-50hz	220v-50hz	220v-50hz	220v-50hz	220v-50hz / 220v-50hz
Power	450 Watt	450 Watt	450 Watt	450 Watt	450 Watt	900 Watt



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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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