



EMSAS®

MEDICAL COOLING  HEATING SYSTEMS

www.emsas-as.com.tr

EKT Serie

(+2 °C /+8 °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/50-60 Hz network voltage.
- The door of the device has double thermal glazing, it can be locked and has magnetic seal rings. Thus, it provides an opportunity to trace the stocks.
- There is a plastic covered wire shelves in the device that can be adjusted according to the user request.
- Operates between +2/+8°C and it is set to +4°C.
- Provides equal temperature distribution with the strengthened fan system it contains..
- In order to prevent the temperature rising up speedly , Interior fans shut down when door is opened
- Works smoothly and quietly. Noise level <50 dB
- In order to protect the productivity of the device cooling evaporator, there is full-automatic defrosting system.
- The lightening of the inner cabin of the device is carried out with LED lightening.
- 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.
- While the refrigerator is working the device gives alerts with the visual and audio signal when the lower and upper temperature limits are exceeded, the door of the device is left open, and there is electricity cut off or low voltage problems.
- The cooling system and the insulation system of the device do not contain CFC gas that is harmful for OZONE. Natural gas is optional.
- High quality well known brand compressor is used which is hermetically sealed and air-cooled
- There are two braked and two regular castors under the device that provide easy portability.
- Our devices can be connected to heat tracking system.
- All medical devices produced by EMSAS A.S. are guaranteed for 2 years.
- As per the request of the user, a thermal printer can be installed at the device. The numerical and graphical printout of the data recorded with the thermal printer can be taken.
- All of our products are produced in line with the ISO 9001:2008, TSE service place competence certificates. The device has CE certificates and barcode.

EKT 425

EKT-B Serie

(+2°C/+8°C)

- EKT-B Serie has same features with EKT Serie only the difference; door system is designed as polyurethane pressed block (solid) door.



OPTIONAL INTERNAL GLASS DOOR



OPTIONAL CHROME SHELVES



OPTIONAL GRAPHICAL CHART RECORDER



OPTIONAL THERMAL PRINTER



OPTIONAL TOUCH SCREEN DISPLAY



OPTIONAL VACCINE TRACKING SYSTEM

LABORATORY / PHARMACY REFRIGERATOR

EKT 80
(+2 °C/+8 °C)



EKT 150
(+2 °C/+8 °C)



EKT 175
(+2 °C/+8 °C)



OPTIONAL SOLID DOOR
(Free of Charge)

EKT 425
(+2 °C/+8 °C)



EKT 725
(+2 °C/+8 °C)



EKT 1450
(+2 °C/+8 °C)



EKT 250
(+2 °C/+8 °C)



MODEL	EKT 80 - EKT-B 80	EKT 150 - EKT-B 150	EKT 175 - EKT-B 175	EKT 250 - EKT-B 250	EKT 425 - EKT-B 425	EKT 725 - EKT-B 725	EKT 1450 - EKT-B 1450
Temperature Range	+2C / +8C	+2C / +8C	+2C / +8C	+2C / +8C	+2C / +8C	+2C / +8C	+2C / +8C
Set Point	+4°C	+4°C	+4°C	+4°C	+4°C	+4°C	+4°C
External Dimensions (WxLxH) mm	450x600x750	765x823x900	600x660x1446	600x660x1720	600x660x2020	765x820x2040	1450x860x2030
Internal Dimensions Net (WxLxH) mm	370x390x520	660x462x622	516x472x797	515x472x1070	515x472x1350	662x654x1390	1370x760x1346
Volume	75 L	190 L	225 L	300 L	388 L	700 L	1400 L
Polyurethane (mm)	41 mm	50 mm	42,5 mm	42,5 mm	42,5 mm	51,5	40 mm
Packaged Dimensions (WxLxH)mm	470x675x785 mm	825x875x1050 mm	700x750x1550 mm	700x750x1950 mm	700x740x2100 mm	800x850x2120 mm	1550x900x2090 mm
Gross KG	60 Kg	107 Kg	105 Kg	115 Kg	156 Kg	220 Kg	320 Kg
Interior Lighting	+	+	+	+	+	+	+
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	Stainless Steel Cr-Ni 304
External Surface	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint
Heating / Cooling System	Fan System	Fan System	Fan System	Fan System	Fan System	Fan System	Fan System
Insulation	CFC Free - Polyurethane	CFC Free - Polyurethane	CFC Free - Polyurethane	CFC Free - Polyurethane	CFC Free - Polyurethane	CFC Free - Polyurethane	CFC Free - Polyurethane
Shelves	3 Pcs	3 Pcs	3 Pcs	4 Pcs	5 Pcs	5 Pcs	12 Pcs
Chrome Shelf	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Thermal Printer	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Basket	Optional	Optional	Optional	Optional	Optional	Optional	Optional
SMS and E-MAIL MODULE	Optional	Optional	Optional	Optional	Optional	Optional	Optional
PC Connection	USB	USB	USB	USB	USB	USB	USB
Castors	2 Braked , 2 Regular	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	NTC
Control System	Microprocessor Control	Microprocessor Control	Microprocessor Control	Microprocessor Control	Microprocessor Control	Microprocessor Control	Microprocessor Control
Voltage	220v-60hz	220v-60hz	220v-60hz	220v-60hz	220v-60hz	220v-60hz	220v-60hz
Cooling Gas	R134a or Natural Gas	R134a or Natural Gas	R134a or Natural Gas	R134a or Natural Gas	R134a or Natural Gas	R134a or Natural Gas	R134a or Natural Gas
Noise Db	42 dB	42 dB	44 dB	44 dB	45 dB	46 dB	48 dB
Natural Gas	R290	R290	R290	R290	R290	R290	R290



MEDICAL COOLING & HEATING SYSTEMS



[www.emsas-
as.com.tr](http://www.emsas-as.com.tr)

[www.kandolabi.co
m](http://www.kandolabi.com)

[www.asidolabi.co
m](http://www.asidolabi.com) ISO 9001:2008
ISO 13485



Muradiye Sanayi Bölgesi Muradiye Mahallesi
28 Sokak No:6 Yunusemre - MANİSA / TURKEY
Tel: +90 (236) 214 03 96 - 97 - 98 Fax: +90 (236) 214 07 06
izmir Tel: +90 (232) 479 55 22 - 479 55 23
mail: export1@emsas-as.com.tr
www.emsas-as.com.tr