



Blood Bank Refrigerators
Thrombocyte Incubator / Thrombocyte Agitator
Laboratory / Plasma Freezer
Plasma Thawer
Laboratory / Pharmacy / Vaccine Refrigerator
Solar Direct Drive Vaccine Refrigerator
(Ice-lined Thermal Storage Technology)
Mains Powered Vaccine Refrigerator
(Ice-lined Thermal Storage Technology)
Combined Refrigerator + Freezer
12-24 V In-Car Mobile / Power Unit Refrigerator
Incubator
Newborn Product Group
Fluid and Blanket Warming Cabinet
Dry Oven Sterilizer (Etuves) / Water Baths
Cooled Incubator
Stability Test Chamber
BOD Incubators

Since 1975...

EMSAS®

QUALITY & SAFETY PROTECTION



OUR CERTIFICATES



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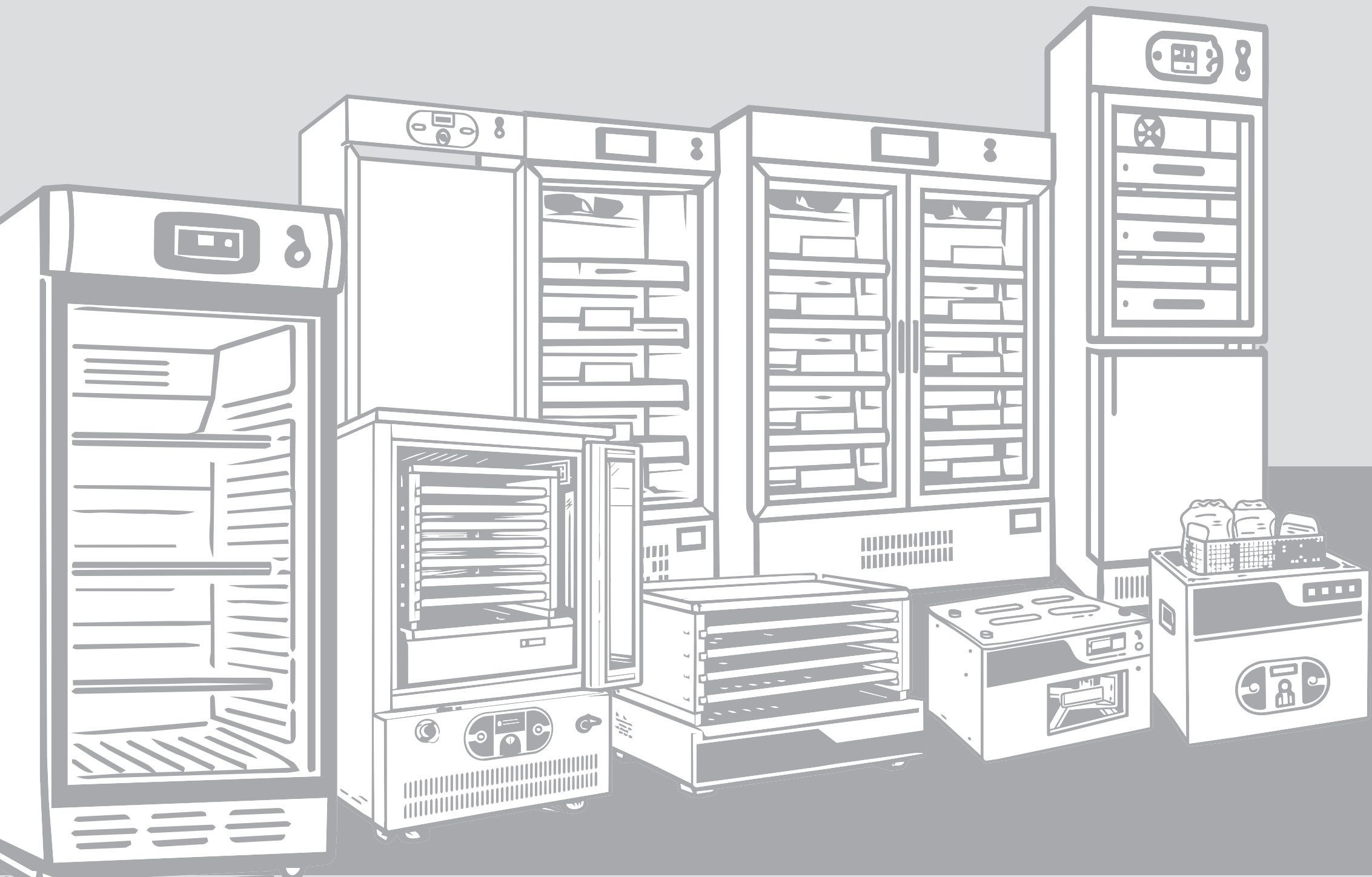
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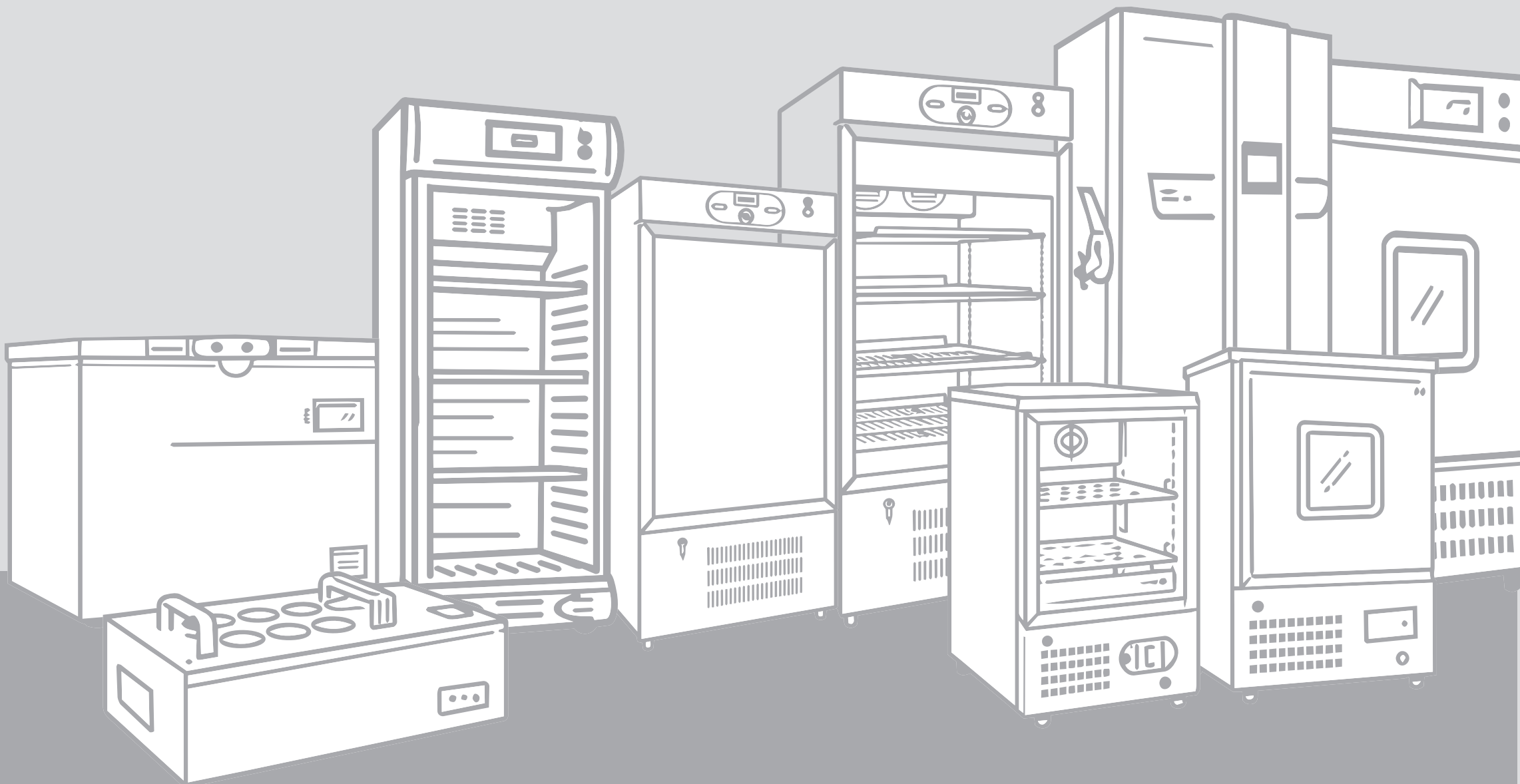
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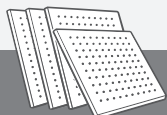


EMSAS[®]

COMBINED REFRIGERATOR AND FREEZER

EKT-D Serie (0°C/+15°C) (-5°C/-30°C)

- Refrigerator compartment: 0°C to +15°C (factory set to +4°C)
- Freezer compartment: -5°C to -30°C (factory set to -20°C)
- Multi-airflow system ensuring uniform temperature distribution.
- Dual compressor system, independently controlled compartments.
- Microprocessor-controlled digital panel with 30-day data storage and password protection.
- USB data logging system: up to 10 years of storage with Excel export.
- High-precision temperature control with $\pm 0.1^\circ\text{C}$ accuracy.
- Inner chamber made of AISI 304 stainless steel.
- Built-in rechargeable battery system supporting operation during power outages (up to 48 hours).
- Visual and audible alarm system activated in case of:
 - Temperature deviation (high/low limits)
 - Door open condition
 - Power failure
 - Sensor failure
- Remote Alarm output port.
- External sensor input port.
- Double-layer glass doors with magnetic sealing.
- Adjustable shelves.
- 2 lockable + 2 swivel casters.
- LED lighting system.
- 2-year warranty.
- Optional vaccine monitoring system.
- Certified according to ISO 9001:2015, ISO 13485, TSE, CE, ISO 14001



Optional
Chrome Shelf



STANDARD

- Multi Air-Flow System
- CR-NI 304 Stainless Steel Inner Surface
- Digital Control Panel with Microprocessor
- 2 Braked and 2 Swivel Casters
- Battery System (Up to 48 Hours)
- Alarmed Electronic Control System
- Reporting via USB Memory

OPTIONAL

- Solid Door
- Thermal Printer
- Vaccine Tracking System
- Password-Protected Digital
- Chrome Shelf
- Chrome Drawer

EKT-D Serie



MODEL	EKT-D 175		EKT-D 425		EKT-DB 425 NEW		EKT-D 500	
	REFRIGERATOR	FREEZER	REFRIGERATOR	FREEZER	REFRIGERATOR	FREEZER	REFRIGERATOR	FREEZER
Temperature Range of	0°C / +15 °C	-5°C / -30°C	0°C / +15 °C	-5°C / -30°C	0°C / +15 °C	-5°C / -30°C	0°C / +15 °C	-5°C / -30°C
Set Temperature	+4°C	-20°C	+4°C	-20°C	+4°C	-20°C	+4°C	-20°C
External Dimensions (W*L*H) mm	600*690*1635		600*690*2040		600*690*2040		765*850*1955	
Capacity / LT	148 L	67 L	230 L	70 L	166 L	138 L	335 L	140 L
Polyurathane Thickness	40 mm	60 mm	40 mm	60 mm	40 mm	60 mm	50 mm	70 mm
Gross KG	130 Kg		175 Kg		200 Kg		230 Kg	
Internal Lighting	+	-	+	-	+	-	+	-
Door Lock	+	+	+	+	+	+	+	+
Alarm	+		+		+		+	
Internal Surface Material	Stainless Steel CR-NI 304		Stainless Steel CR-NI 304		Stainless Steel CR-NI 304		Stainless Steel CR-NI 304	
External Surface Material	Galvanized Steel with Electrostatic Powder Coated		Galvanized Steel with Electrostatic Powder Coated		Galvanized Steel with Electrostatic Powder Coated		Galvanized Steel with Electrostatic Powder Coated	
Heating/Cooling System	Fan-borced		Fan-borced		Fan-borced		Fan-borced	
Insulation	CFC-Free Polyurathane		CFC-Free Polyurathane		CFC-Free Polyurathane		CFC-Free Polyurathane	
Number of Drawer (Cr-Ni)	3 Pcs	1 Pcs	3 Pcs	1 Pcs	3 Pcs	3 Pcs	3 Pcs	1 Pcs
PC Connection	USB		USB		USB		USB	
Wheels	2 Braked Casters, 2 Standard Casters, 2 Ball Feet		2 Braked Casters, 2 Standard Casters, 2 Ball Feet		2 Braked Casters, 2 Standard Casters, 2 Ball Feet		2 Braked Casters, 2 Standard Casters, 2 Ball Feet	
Temperature Sensor	NTC		NTC		NTC		NTC	
Control System	Microprocessor Controlled		Microprocessor Controlled		Microprocessor Controlled		Microprocessor Controlled	
Voltage / Hz	220v-50hz / 110v-60hz		220v-50hz / 110v-60hz		220v-50hz / 110v-60hz		220v-50hz	
Refrigerant	R134a/R290	R404a/R290	R134a/R290	R404a/R290	R134a/R290	R404a/R290	R134a/R290	R404a/R290
Door Type: Glass/Solid	Optional		Optional		Optional		Optional	
Thermal Printer	Optional		Optional		Optional		Optional	
5.5 inch Touch Screen Display	Optional		Optional		Optional		Optional	



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



Contact



Promotional Film



Product Introduction
Videos

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