INFINITY IVD

"Technology for Infinity."

Vision Statement:
"To be the global leader in laboratory device manufacturing, revolutionizing healthcare and research by providing innovative, reliable, and accessible devices that enhance efficiency, accuracy, and user experience, ultimately driving better outcomes in scientific research and patient care."

Mission Statement:

Innovation and Excellence:
We are committed to developing cutting-edge laboratory devices that set new industry standards for accuracy, speed, and ease of use. Through continuous investment in research and development, we ensure our products remain at the forefront of laboratory technology.

Access to Healthcare and Research:
Our mission is to make high-quality laboratory devices accessible to research centers and laboratories worldwide, regardless of geographic location or economic status. By doing so, we support scientific advancement and healthcare improvements, facilitating early detection and intervention.

Quality Assurance:
Quality is the foundation of our mission. We adhere to the highest standards of quality control and regulatory compliance, ensuring the reliability and precision of our laboratory devices.

Customer-Centric Approach:
Our mission is to deliver exceptional customer experiences. We actively listen to the needs of scientists, healthcare professionals, and clients to provide solutions that enhance laboratory processes and simplify research workflows.

Education and Awareness:
We are dedicated to raising awareness about the critical role of laboratory devices in healthcare and research. Our mission includes providing educational resources and support for both professionals and the general public, promoting better practices and outcomes.

Sustainability:
We are committed to minimizing our environmental impact. Our mission includes responsible sourcing, eco-friendly manufacturing processes, and the promotion of sustainable practices within the laboratory device industry.

Global Collaboration:
We believe in the power of collaboration. By partnering with healthcare providers, research institutions, and industry leaders worldwide, we drive the development of new laboratory technologies and expand the global reach of our solutions.

Employee Empowerment:
Our employees are our greatest asset. We are committed to creating a collaborative and inclusive work environment where every team member can thrive, innovate, and contribute to our shared vision.

Ethical Conduct:
Our mission is grounded in integrity and ethical business practices. We aim to serve as a model of responsible business, building trust with our stakeholders, and making a positive contribution to society.

By upholding this vision and mission, we are dedicated to making a lasting impact in the laboratory device industry, contributing to scientific research, healthcare, and the well-being of individuals and communities worldwide.

DRYING OVEN

PRODUCT MKD-250/MKD-500/MKD-750

Technical Specifications			
Model	**MKD-250**	**MKD-500**	**MKD-750**
Capacity	250 L	500 L	750 L
Temperature Working Range	Ambient Temperature +5°C / +250°C		
Temperature Sensor	FE-CONST		
Control System	PID Microprocessor Control System		
Temperature Display Accuracy	±1°C		
Temperature Fluctuation	±2°C at 1°C		
Time Setting	1 min - 99.9 hours (hold position)		
Number of Shelves	2	3	4
Power Consumption	3500 W	5000 W	7000 W
Internal Surface	Stainless Steel		
External Surface	Electrostatic Powder Coated Painted Steel		
Internal Dimensions (W x L x H) cm	55 x 49 x 80	81 x 96 x 108	120 x 60 x 100
External Dimensions (W x L x H) cm	81 x 96 x 108	81 x 96 x 135	134 x 120 x 130

Drying ovens can be used for laboratory or industrial drying, evaporation, sterilization, aging tests, and other processes. The heating system uses air circulation for uniform temperature distribution.

MUFFLE FURNACE

PRODUCT MKF-5/MKF-10/MKF-20/MKF-50

Technical Specifications				
Model	**MKF-5**	**MKF-10**	**MKF-20**	**MKF-50**
Max Temperature Range (°C)	1100°C	1200°C	1200°C	1300°C
Capacity (L)	5	10	20	50
Inner Chamber	High temperature ceramic insulation			
Control Unit	Programmable PID Microprocessor Control Unit			
Program and Steps	5 Programs – 5 Steps			
Program and Steps (Max)	10 Programs – 10 Steps			
Power Supply (Voltage)	220V-50 Hz	220V-50 Hz	380V-50 Hz	380V-50 Hz
Power Consumption	2000 W	3000 W	3500 W	10200 W
Chamber Size (W x D x H) cm	15 x 22 x 15	17.5 x 27.5 x 23	26 x 32.5 x 23	40 x 39 x 32
External Dimensions (W x D x H) cm	44 x 48 x 55	45 x 64 x 57	54 x 56 x 64	61 x 78 x 82

The Muffle Furnace is a high-performance heat treatment device designed for laboratories and industrial use, capable of reaching temperatures of 1100°C, 1200°C, and 1300°C. It features precise PID temperature control and programmable 5 or 10-step functions for customized operations. Lined with high-temperature ceramic fiber, it ensures excellent insulation and durability, making it ideal for applications such as ceramic processing and thermal treatment.

VACUUM DRYING OVEN

PRODUCT **MVE-30/MVE-50**

Technical Specifications		
Model	**MVE-30**	**MVE-50**
Control System	PID Control with microprocessor	
Temp. Fluctuation	±1.0°C	
Temperature Uniformity	±2.0°C	
Heating System	Heating from two sides	
Temperature Range	Room Temp. +10°C to +250°C	
Temp. Indication Accuracy	±1°C	
Time Setting	1 min. to 99.9 Hours (hold position)	
Heating Control Method	PID Control with Programmable Microprocessor	
Temperature Sensor	PT 100, High Precision Sensor	
Vacuum System	Mechanical Vacuum (Vacuum level adjustable up to 1 bar)	
Internal Surface	Stainless Steel (seamless)	
External Surface	Electrostatic Powder Coated Painted Steel	
Internal Dimension (cm)	35 x 35 x 35	45 x 45 x 45
External Dimension (cm)	62 x 60 x 139	72 x 70 x 149
Number of Shelves	2 Stainless Steel Shelves	
Door Seal	High Temperature Silicone Rubber Gasket	
Power Supply (Voltage)	220V-50 Hz	

Vacuum ovens are used to remove moisture, air, and other gases from materials in labs and industries.

INCUBATOR

PRODUCT **MN-30/MN-50/MN-120/MN-250**

Technical Specifications				
Model	**MN-30**	**MN-50**	**MN-120**	**MN-250**
Capacity	30 L	65 L	120 L	250 L
Temperature Working Range	+5°C to +80°C			
Temperature Sensor	Fe-Const			
Control System	Programmable PID Microprocessor Control System			
Temp. Display Accuracy	0.1°C			
Temp. Fluctuation	0.5°C			
Time Setting	1 min. to 99 Hours (Indefinite Operation)			
Number of Shelves (Standard * Maximum)	2*5	2*6	2*6	2*6
Power Consumption	600 W	750 W	750 W	750 W
Power Supply (Voltage)	220 V - 50 Hz			
Internal Surface	Stainless Steel			
External Surface	Cold-Rolled (RKP) Steel Sheet			
Internal Dimensions (W x D x H)	32 x 32 x 32	38 x 38 x 40	50 x 50 x 60	58 x 60 x 49
External Dimensions (W x D x H)	47 x 47 x 61	55 x 55 x 71	66 x 62 x 80	71 x 72 x 118

The incubator provides temperature-controlled environments suitable for microbiological cultures and incubation processes. It supports energy efficiency and safe operation through integrated fan systems and safety thermostats.

CO2 INCUBATOR

PRODUCT — MCO2 CI-80 / MCO2 CI160

Technical Specifications		
Model	**MCO² CI-80**	**MCO² CI-160**
Capacity	80 L	160 L
Power Consumption	680 W	950 W
Temperature Range	Room Temp. +5°C to +50°C	
Temp. Fluctuation	±0.5°C	
Time Setting	0 - 999 min.	
CO_2 Range	0 - 20%	
CO_2 Accuracy	±0.1%	
Power Supply (Voltage)	220V-50 Hz	220V-60 Hz

The CO_2 incubator is designed to provide a natural and stable environment for growing cell cultures and other organisms, with precise control of CO_2 and temperature levels. It features gas-tight door seals and glass doors to prevent contamination, ensuring a clean atmosphere. Built with high-quality materials, it offers durability and effective insulation, making it ideal for reliable, long-term use in laboratory settings.

SHAKING INCUBATOR

PRODUCT — SI-55/SI-120/SI-250

Technical Specifications			
Feature	**SI-55**	**SI-120**	**SI-250**
Capacity (L)	55 L	120 L	250 L
Temperature Range	Ambient +5°C to +60°C	Ambient +5°C to +60°C	Ambient +5°C to +60°C
Temperature Accuracy	±0.1°C	±0.1°C	±0.1°C
Control System	PID Microprocessor / PT 100 Sensor	PID Microprocessor / PT 100 Sensor	PID Microprocessor / PT 100 Sensor
Speed Range (RPM)	50 - 250 RPM	50 - 250 RPM	50 - 250 RPM
Timer Setting	1 - 999 Hours + Hold Function	1 - 999 Hours + Hold Function	1 - 999 Hours + Hold Function
Safety Thermostat	Cuts off at 30°C or 100°C (backup)	Cuts off at 30°C or 100°C (backup)	Cuts off at 30°C or 100°C (backup)
Power Consumption	600 W	800 W	1200 W
Power Supply	220-230V / 50-60Hz	220-230V / 50-60Hz	220-230V / 50-60Hz
Internal Dimensions (W×D×H)	38 × 38 × 38 cm	50 × 48 × 50 cm	56 × 50 × 89 cm
External Dimensions (W×D×H)	55 × 61 × 73 cm	65 × 70 × 82 cm	71 × 72 × 118 cm

Shaking incubators are designed for growing bacterial and cell cultures with controlled shaking speeds to promote optimal growth. Equipped with digital control systems and PID microprocessors, they provide precise regulation of temperature and speed. Built-in safety thermostats offer protection in case of system failure, ensuring reliable and safe operation in laboratory environments.

SHAKING INCUBATOR WITH COOLING

PRODUCT SIC-55/SIC-120/SIC-250

Technical Specifications			
Feature	**SIC-55**	**SIC-120**	**SIC-250**
Capacity (L)	55 L	120 L	250 L
Temperature Range	10°C to +60°C		
Temperature Accuracy	±0.1°C	±0.1°C	±0.1°C
Control System	PID Microprocessor / PT 100 Sensor	PID Microprocessor / PT 100 Sensor	PID Microprocessor / PT 100 Sensor
Speed Range (RPM)	50 - 250 RPM	50 - 250 RPM	50 - 250 RPM
Timer Setting	1 - 999 Hours + Hold Function	1 - 999 Hours + Hold Function	1 - 999 Hours + Hold Function
Safety Thermostat	Cuts off at 30°C or 100°C (backup)	Cuts off at 30°C or 100°C (backup)	Cuts off at 30°C or 100°C (backup)
Power Consumption	600 W	800 W	1200 W
Power Supply	220-230V / 50-60Hz	220-230V / 50-60Hz	220-230V / 50-60Hz
Internal Dimensions (W×D×H)	38 × 38 × 38 cm	50 × 48 × 50 cm	56 × 50 × 89 cm
External Dimensions (W×D×H)	55 × 61 × 73 cm	65 × 70 × 82 cm	71 × 72 × 118 cm

Shaking incubators with cooling are designed for precise temperature control and constant speed, ideal for cell and microbial culture growth in various biochemical and fermentation applications. They feature variable-speed microprocessors to ensure consistent conditions, along with secondary safety thermostats for protection in case of system failure, providing reliable performance in demanding laboratory environments.

COOLED INCUBATOR

PRODUCT CI-55/CI-120/CI-250

Technical Specifications			
Feature	**CI-55**	**CI-120**	**CI-250**
Capacity (L)	55 L	120 L	250 L
Temperature Range	10°C to +60°C		
Temperature Accuracy	±0.1°C	±0.1°C	±0.1°C
Control System	PID Microprocessor / PT 100 Sensor	PID Microprocessor / PT 100 Sensor	PID Microprocessor / PT 100 Sensor
Timer Setting	1 - 999 Hours + Hold Function	1 - 999 Hours + Hold Function	1 - 999 Hours + Hold Function
Safety Thermostat	Cuts off at 30°C or 100°C (backup)	Cuts off at 30°C or 100°C (backup)	Cuts off at 30°C or 100°C (backup)
Power Consumption	600 W	800 W	1200 W
Power Supply	220-230V / 50-60Hz	220-230V / 50-60Hz	220-230V / 50-60Hz
Internal Dimensions (W×D×H)	38 × 38 × 38 cm	50 × 48 × 50 cm	56 × 50 × 89 cm
External Dimensions (W×D×H)	55 × 61 × 73 cm	65 × 70 × 82 cm	71 × 72 × 118 cm

Cooled incubators are perfect for diverse applications such as freezing, incubating, germination testing, and culture storage. They utilize PID control systems to ensure precise temperature regulation and offer programmable options for repeating experiments. Equipped with safety thermostats to prevent overheating and internal glass doors for easy monitoring, these incubators provide reliable and efficient performance for laboratory needs.

HUMIDIFIED MULTIROOM INCUBATOR

PRODUCT HMI6

Specification	Details
Overall Dimensions (W x D x	700 × 645 × 165 mm (27.5 × 23 × 6.5")
Weight	40 kg (88.2 lbs)
Material	Mild Steel / Aluminium / PET / Stainless Steel
Power Supply	115V 60Hz or 230V 50Hz
Power Consumption	300 W
Temperature Control Range	24.9°C - 40°C
*CO_2 Gas Consumption	<2 Liters per hour
**N_2 Gas Consumption	<12 Liters per hour
CO_2 Control Range	2.0% - 9.9%
O_2 Control Range	5.0% - 20.0%
Gas Input Pressure	0.4 to 0.6 bar (5.80 - 8.70 PSI)
Shipping Weight	45 kg (99.2 lbs) (Including the pallet's weight)
Shipping Dimensions	824 x 724 x 489 mm (32.4 x 28.5 x 19.3") (device on the pallet)

The Infinity Multiroom Incubator is a compact and lightweight device, with dimensions of 700 x 645 x 165 mm and a weight of 40 kg, making it easy to transport and install in laboratories. Constructed from durable materials including mild steel, aluminium, PET, and stainless steel, it ensures longevity and reliability. The incubator operates efficiently with a power consumption of 300 W and can be used with either 115V or 230V. It offers precise temperature control, ranging from 24.9°C to 40°C, and consumes less than 2 liters of CO_2 and 12 liters of N_2 per hour. The CO_2 control range is adjustable from 2.0% to 9.9%, while the O_2 range is between 5.0% and 20.0%, ensuring optimal environmental conditions. With a gas input pressure of 0.4 to 0.6 bar, the unit is also easy to ship, weighing 45 kg with a shipping size of 824 x 724 x 489 mm.

WATER BATH

PRODUCT MSB-6/MSB-15/MSB-30/MSB-48

Technical Specifications:				
Model	**MSB-6**	**MSB-15**	**MSB-30**	**MSB-48**
Capacity (L)	6	15	30	48
Temperature Working Range	Ambient Temperature +5°C / 99°C			
Temperature Sensor	PT Micro Processor Control System			
Temp. Display Accuracy	±1°C			
Temperature Adjustment and	0.1°C			
Temp. Fluctuation	±0.1°C			
Time Setting	1 min. - 99 hours			
Internal Surface	Stainless Steel			
External Surface	Cold-Rolled (DKP) steel or stainless steel			
Power Supply / Voltage	220V / 50 Hz			
Power Consumption	900W	900W	1500W	2000W
Internal Dimensions (W x D x H) (cm)	30x15x20	30x30x20	50x30x20	50x30x30
External Dimensions (W x D x H) (cm)	36x21x36	36x36x36	56x36x36	56x36x40

The Infinity IVD Water Bath is designed for laboratory use, providing precise temperature control within a range of ambient temperature +5°C to 99°C. It is available in four different models with capacities of 6, 15, 30, and 48 liters, featuring a PT Micro Processor Control System for accurate temperature readings and adjustments. The water bath boasts a durable stainless steel internal surface and offers an external surface option in either cold-rolled steel or stainless steel. Depending on the model, it consumes between 900W and 2000W of power, making the Infinity IVD Water Bath both efficient and reliable for a wide range of laboratory applications.

SHAKING WATER BATH

PRODUCT MCS-30

Technical Specifications:	
Model	**MCS-30**
Capacity (L)	30 L
Temperature Working Range	Ambient Temperature +5°C / +99.9°C
Temperature Sensor	PT 100
Control System	DIGIT AL Control with PID Microprocessor
Temperature Display Accuracy	±0.1°C
Temperature Uniformity	±0.5°C at 37°C
Speed Range	50-250 rpm
Time Setting	1 min. - 99.9 hours + Hold position
Shaking Motion	Horizontal
Power Supply (Voltage)	220V / 50 Hz
Power Consumption	1750W
Internal Surface	Stainless Steel
External Surface	Electrostatic Powder Painted Stainless Steel
Tank Dimensions (W x D x H) (cm)	50 x 30 x 20
External Dimensions (W x D x H) (cm)	76 x 37 x 40

The Infinity IVD Shaking Water Bath is a 30-liter capacity device designed for precise temperature control and uniformity, ideal for laboratory applications. It operates within a temperature range of ambient +5°C to 99.9°C, using a PT 100 sensor and PID microprocessor for accurate adjustments. The bath offers a horizontal shaking motion with speeds ranging from 50 to 250 rpm, making it suitable for various experimental needs. Constructed with a stainless steel interior and a durable electrostatic powder-coated exterior, it ensures long-term reliability. The unit consumes 1750W of power and is powered by a 220V/50Hz supply, making it efficient for laboratory use.

ULTRASONIC WATER BATH

PRODUCT MB-04/MB-06/MB-12/MB-18/MB-28

Technical Specifications:					
Model	**MB-04**	**MB-06**	**MB-12**	**MB-18**	**MB-28**
Control Panel	Analog	Analog	Digital	Digital	Digital
Capacity	4L	6L	10L	18L	28L
Ultrasonic Frequency	40 kHz	40 kHz	28 kHz	40 kHz	40 kHz
Ultrasonic Power Supply	150W	200W	300W	300W	500W
Heater Power Supply	350W	350W	700W	700W	1000W
Temperature Range	0°C to 80°C				
Power Supply	220V / 50 Hz				
External Dimensions (W x L x H) (mm)	200x150x150	300x150x150	300x240x200	330x240x300	530x300x200
Internal Tank Dimensions (W x L x H) (mm)	200x135x100	300x135x100	300x240x200	330x240x200	530x300x200

The Infinity IVD Ultrasonic Water Bath is a versatile cleaning device available in various capacities, ranging from 4 to 28 liters. It utilizes ultrasonic frequencies of 28 kHz or 40 kHz for efficient cleaning, ideal for delicate items like lab instruments and medical tools. With both analog and digital control options, it offers precise temperature control from 0° C to 80°C. The ultrasonic power ranges from 150W to 500W, while the heating system ensures thorough cleaning with power up to 1000W, making it an essential tool for various laboratory and medical cleaning needs.

ULTRA PURE WATER DEVICE

PRODUCT UPW100 / UPW1000

Technical Specifications		
Feature	**UPW100**	**UPW1000**
Capacity	100 L/day	1000 L/day
Sediment Filtration	1 micron	
Chlorine Filtration	0	
Lime Filtration	0	
Bacteria Filtration	0	
Instant Water Capacity	8 L/min	12 L/min
pH 298 K (25°C)	5.0 - 8.0	
Total Organic Carbon (TOC)	50 µg/L	
Sodium	1 µg/L	
Chlorides	1 µg/L	
Total Silica	3 µg/L	
Heterotrophic Bacteria	10/1000 mL	
Endotoxin	0.03 EU/mL	
Resistivity	18.2 MΩ.cm	
Water Conductivity	2.3 µS/cm	
Cooling Water	40 L/h	80 L/h
Heater Power Consumption	3 kW	6 kW
Power Supply	230V / 50Hz	380V / 50Hz
Internal Surface Material	Stainless Steel	
External Surface Material	Electrostatic Coated Stainless Steel	

The UPW100 and UPW1000 models are high-performance water purification systems designed to deliver ultra-pure water for laboratory and industrial applications. With capacities of 100 L/day and 1000 L/day respectively, these systems offer advanced filtration, including 1-micron sediment filtration and the removal of organic carbon, sodium, and chlorides. They feature resistivity of 18.2 MΩ.cm and water conductivity of 2.3 µS/cm, ensuring the highest water quality. Equipped with stainless steel internal surfaces and electrostatically coated stainless steel exteriors, these machines are both durable and efficient. Additional features include an instant water capacity of 8-12 L/min and a reliable power supply of 230V or 380V, depending on the model, making them ideal for sensitive applications requiring consistent, pure water output.

REFRIGERATED CIRCULATOR

PRODUCT MSS-07/MSS-15

Technical Specifications:		
Model	**MSS-07**	**MSS-15**
Capacity	7 L	15 L
Time Setting	99 Hours 59 Minutes	
Cooling	1/2 HP	
Temperature Range	-10°C to +40°C	
Cooling System	404A without CFC	
Temperature Accuracy	±0.1°C	
Insulation	40 mm Polysander	
Internal Surface and Cover	Stainless Steel	
External Surface	Painted Powder on Steel	
Heating Capacity and Voltage	1.1 kW, 220V 50 Hz	
Internal Dimensions (W x D x H) cm	16 x 13.5 x 18.7	30 x 25 x 20
External Dimensions (W x D x H) cm	24 x 42 x 63	80 x 50 x 50

The Infinity IVD Refrigerated Circulator is designed for precise temperature control in laboratory applications, with a working range from -10°C to +40°C. Available in 7L and 15L capacities, it features a powerful 1/2 HP cooling system using eco-friendly refrigerants. The unit ensures accurate temperature control with a precision of ±0.1°C, and its durable stainless steel interior, combined with powder-coated steel exterior, ensures longevity. With the ability to set the timer for up to 99 hours and 59 minutes, this circulator is both reliable and efficient for a variety of lab needs.

NITROGEN PROTEIN ANALYZER

PRODUCT **NPA-100**

Technical Specifications	
Component	**Specification**
Distillation Capacity	0.200 ml (Adjustable)
Device Display	LCD Touch Screen
Tube Chamber Options	100 ml / 300 ml / 800 ml
Steam Generator	1100 W
Front Panel	Transparent Plexiglass
Water Consumption	3 L/min
Power Supply	220 V / 50 Hz
Outer Body Material	Stainless Steel (Heat-resistant)
Number of Samples	Configurable: 4, 8, 12, 20 positions
Temperature Range	Electronically controlled thermostat, adjustable up to 400°C

The Infinity IVD Nitrogen Protein Analyzer is designed for precise nitrogen and protein analysis, offering an adjustable distillation capacity of 0-200 ml with an easy-to-use LCD touch display. It features a powerful 1100 W steam generator and a transparent plexiglass front for clear monitoring. The incinerator is built with stainless steel and heat insulation, capable of handling up to 20 samples at a time, with an adjustable working temperature up to 450° C. This analyzer ensures efficient water consumption at 3 L/min, making it a reliable and accurate tool for laboratory applications.

SOXHLET EXTRACTOR

PRODUCT **SA-8**

Technical Specifications:				
Capacity (positions)	1	2	4	6
Front Panel	Each heating unit has individual hotplates with separate heating controls.			
Control Panel	Illuminated on/off switch, electronic position heat switch, heat signal lamp			
Maximum Operating Temperature	300°C			
Hotplate Diameter	90 mm and 140 mm			
Power Supply (Voltage)	220 V / 50 Hz			
Other Features	The system includes corrosion-resistant materials and safety components like heat insulation and durable construction.			
Dimensions (cm)	17,5x30x15	63,5x30x15	65x30x15	95x30x15

The Infinity IVD Soxhlet Extractor is designed for the efficient extraction of fats and oils from solid materials using a liquid solvent. It comes in models with 2, 4, or 6 positions, allowing flexibility for different lab needs. Each heating unit has individual controls, ensuring precise temperature management up to 300°C. With durable, corrosion-resistant materials and safety features like heat insulation, this extractor provides reliable performance for laboratories focused on accurate fat extraction.

HOT PLATE

PRODUCT MHP-3030/MHP4040

Technical Specifications:		
Model	MHP-3030	MHP-4040
Temperature Working Range	+10°C / +300°C	
Control System	Digital Thermostat	
Temp. Display Accuracy	±1°C	
Temp. Fluctuation	±10°C	
Plate Sizes (W x D) (cm)	30 x 30	40 x 40
Plate Material	Cast iron with teflon (non-stick) coating	
External Surface	Electrostatic Painted Cold-Rolled (DKP) steel sheet	
External Dimensions (W x D x H) (cm)	30 x 30 x 28	40 x 40 x 28
Safety System	Analog thermostat (high temperature shut-off)	
Power Consumption	2000 W	3000 W
Power Supply (Voltage)	200 V / 50 Hz	

The Infinity IVD Hot Plate is a reliable heating device designed for laboratory use, capable of reaching temperatures between +10°C and 300°C. It features a durable cast iron plate with a non-stick teflon coating, making it easy to clean. Available in two models with plate sizes of 30x30 cm and 40x40 cm, the hot plate uses a digital thermostat for precise temperature control with an accuracy of ±1°C. With power consumption options of 2000W and 3000W, it is ideal for heating samples and liquids efficiently in various lab settings.

ORBITAL SHAKER

PRODUCT OS-03

Technical Specifications:	
Platform Dimensions	45 x 40 cm
Stand	Rahat ve taşınabilir
Speed and Timer Control	Ayarlanabilir hız ve zaman kontrolü
Display	Hız ve zaman ayarlamalarını gösteren LED ekran
Motor	Bakım gerektirmeyen, güvenilir ve sessiz çalışır
Platform Material	Kolay temizlenen paslanmaz çelik platform

The Infinity IVD Digital Orbital Shaker is ideal for laboratory mixing applications, featuring a 45x40 cm stainless steel platform that's easy to clean. It offers variable speed and timer control, with a clear LED display for monitoring adjustments. The motor ensures quiet and maintenance-free operation, and the unit is portable, making it versatile and reliable for a range of lab environments.

LABORATORY GRINDING MILL

BRODUCT LGM01

Technical Specifications:	
Material	Cover and body made from alloy steel
Grinding Chamber	160 mm
Rotor	3-armed rotor with grooved stator
Safety Feature	User protected by a funnel cover
Dust Control	Low dust level during material grinding
User Protection	Installed with bunker cover
Particle Size (Before Grinding)	20-40 mm (+/- 5 mm)
Drive Power	1.1 kW with 3000 rpm for maximum efficiency
Safety Mechanism	Motor stops when the grinding chamber is opened
Cleaning	Very simple cleaning process
Power Supply	220 V, 50 Hz

The Infinity IVD Laboratory Grinding Mill is a robust and efficient tool designed for grinding various materials in laboratory settings. Made from durable alloy steel, it features a 160 mm grinding chamber with a 3-armed rotor for optimal performance. With a 1.1 kW motor running at 3000 rpm, the mill ensures high grinding efficiency. It includes safety features like a funnel cover and automatic motor shut-off when the chamber is opened. Additionally, the mill offers a low-dust grinding process and is easy to clean, making it a reliable choice for laboratories.

PCR CABINET

PRODUCT PC120

Technical Specifications:	
Filtration System	HEPA filter with 99.99% efficiency at 0.3 microns
Lighting	UV lamp and fluorescent lamp for PCR work
Design	Robust, ergonomic design
Control Panel	Easy-to-use control panel
Workspace	Stainless steel workspace
Construction	Polycarbonate construction (side panels)
External Dimensions (W x D x H)	120 x 64 x 97 cm (optionally interchangeable)

The Infinity IVD PCR Cabinet is designed to provide a contamination-free environment for PCR work. It features a HEPA filter with 99.99% efficiency at 0.3 microns, ensuring a clean workspace. Equipped with both UV and fluorescent lamps, it offers optimal lighting for PCR procedures. The cabinet has a durable, ergonomic design with an easy-to-use control panel and a stainless steel workspace, making it a reliable and practical choice for laboratories.

BIOSAFETY CABINET - CLASS II A

PRODUCT MGK90 / MGK120 / MGK150 / MGK180

Technical Specifications:				
Model	MGK-90	MGK-120	MGK-150	MGK-180
Internal Dimensions (W x D x H)	90 x 63 x 65 cm	120 x 63 x 65 cm	150 x 63 x 65 cm	180 x 63 x 65 cm
External Dimensions (W x D x H)	106.5 x 90 x 145 cm	136 x 90 x 145 cm	166 x 90 x 145 cm	196 x 90 x 145 cm
Transport Stand Dimensions (W x D x H)	106.5 x 87 x 75 cm	136 x 87 x 75 cm	166 x 87 x 75 cm	196 x 87 x 75 cm
Height of Work Table from Floor	850 mm			
Average Inflow Velocity (m/s)	0.45			
Average Downflow Velocity (m/s)	0.25 / 0.50			
Filters (Main, Exhaust)	H14 HEPA, 0.3 µm, 99.995%			
Cleanliness Level (US FED 209E)	ISO 5 (Class 100)			
Exhaust Fan Motor Capacity	Suitable for 10 Horizontal and 3 Vertical Air Channels			
Noise Level (Normal Mode)	< 65 dB(A)	< 65 dB(A)	< 65 dB(A)	< 65 dB(A)
Noise Level (Economy Mode)	< 55 dB(A)	< 55 dB(A)	< 55 dB(A)	< 55 dB(A)
Illumination	850 - 1150 Lux			
Front Sash/Window Thickness	< 6 mm			
Power Consumption (Fan Unit)	105 W	200 W	200 W	200 W
Power Consumption (Lighting)	50 W			
Power Consumption (UV Lamp)	30 W			
SupplyVoltage/Frequency/Power Consumption/Current	230 V / 50 Hz / 2500 W / 16A			
Power Supply	220-240V/16A			
Cabinet Weight	205 kg	230 kg	270 kg	285 kg

The Infinity IVD Class II A Bio Safety Cabinet ensures a safe and controlled environment for laboratory work, featuring a HEPA filter with 99.995% filtration efficiency. It provides excellent airflow control, low noise levels, and bright illumination for optimal working conditions. With various size options and user-friendly features, this cabinet is ideal for ensuring both operator and product protection in research and clinical settings.

BIOSAFETY CABINET - CLASS II B

PRODUCT

The Infinity IVD Class II B Bio Safety Cabinet offers a safe and controlled environment for laboratory work, featuring a HEPA filter with 99.995% efficiency and ISO 5 cleanliness. It operates quietly with low noise levels and provides bright illumination for precision work. Available in various sizes, the cabinet is energy-efficient and ergonomically designed, making it ideal for research and clinical applications.

CLASS III BIO SAFETY CABINET

PRODUCT	QUANTITY	REF

Technical Specifications:

Specification	MGK-90	MGK-120	MGK-150
Internal Dimensions (W x D x H)	88.5 x 64 x 67.5 cm	118.5 x 64 x 67.5 cm	148.5 x 64 x 67.5 cm
External Dimensions (W x D x H)	107 x 90 x 190 cm	137 x 90 x 190 cm	167 x 90 x 190 cm
Pass-box Dimensions (W x D x H)	55 x 66 x 87 cm	55 x 66 x 87 cm	55 x 66 x 87 cm
Stand Dimensions (W x D x H)	107 x 90 x 75 cm	137 x 90 x 75 cm	167 x 90 x 75 cm
Height of Working Table from Floor	840 mm	840 mm	840 mm
Cabinet Internal Positive Pressure (Pa)	≥ 10-15 Pa	≥ 10-15 Pa	≥ 10-15 Pa
Cabinet Internal Negative Pressure (Pa)	≥ 250 Pa	≥ 250 Pa	≥ 250 Pa
Downflow Air Velocity (m/s)	0.40 m/s ± 20%	0.40 m/s ± 20%	0.40 m/s ± 20%
Noise Level	< 60 dB(A)	< 60 dB(A)	< 60 dB(A)
Filters (Main, Exhaust)	H14 HEPA, 0.3 µm, 99.995%	H14 HEPA, 0.3 µm, 99.995%	H14 HEPA, 0.3 µm, 99.995%
Pre-Filter	G4	G4	G4
Cleanliness Level (EN GMP)	ISO 5	ISO 5	ISO 5
Grade	A	A	A
Front Sash/Window Thickness	< 8 mm	< 8 mm	< 8 mm
Long-sleeved Gloves	2	2	2
Illumination	850 – 1250 Lux	850 – 1250 Lux	850 – 1250 Lux
Fan Filter Unit Power Consumption	200 W	200 W	400 W
Illumination Power Consumption	36 W	36 W	36 W
UV Lamp Power Consumption	36 W	36 W	36 W

The Infinity IVD Class III Bio Safety Cabinet ensures the highest level of protection for both the user and the environment, with HEPA filters offering 99.995% efficiency. Designed for handling hazardous materials, it provides a fully sealed workspace with both positive and negative pressure control. The cabinet operates with low noise, is highly illuminated, and is available in multiple sizes, making it an ideal choice for laboratories requiring advanced biosafety containment.

LAMINAR FLOW CABINET

PRODUCT	QUANTITY	REF

Technical Specifications:

Specification	MGK-90	MGK-120	MGK-150	MGK-180
Internal Dimensions (W x D x H)	90 x 63 x 65 cm	120 x 63 x 65 cm	150 x 63 x 65 cm	180 x 63 x 65 cm
External Dimensions (W x D x H)	106.5 x 90 x 145 cm	136 x 90 x 145 cm	166 x 90 x 145 cm	196 x 90 x 145 cm
Stand Dimensions (W x D x H)	106.5 x 87 x 75 cm	136 x 87 x 75 cm	166 x 87 x 75 cm	196 x 87 x 75 cm
Height of Working Table from Floor	850 mm	850 mm	850 mm	850 mm
Average Inflow Velocity (m/s)	0.45	0.45	0.45	0.45
Average Downflow Velocity (m/s)	0.25 / 0.50	0.25 / 0.50	0.25 / 0.50	0.25 / 0.50
Filters (Main, Exhaust)	H14 HEPA, 0.3 µm, 99.995%	H14 HEPA, 0.3 µm, 99.995%	H14 HEPA, 0.3 µm, 99.995%	H14 HEPA, 0.3 µm, 99.995%
Cleanliness Level (US FED 209E)	ISO 5 (Class 100)	ISO 5 (Class 100)	ISO 5 (Class 100)	ISO 5 (Class 100)
Noise Level (Normal Mode)	< 65 dB(A)	< 65 dB(A)	< 65 dB(A)	< 65 dB(A)
Noise Level (Economy Mode)	< 55 dB(A)	< 55 dB(A)	< 55 dB(A)	< 55 dB(A)
Illumination	850 – 1150 Lux	850 – 1150 Lux	850 – 1150 Lux	850 – 1150 Lux
Fan Filter Unit Power Consumption	105 W	200 W	200 W	200 W
Illumination Power Consumption	50 W	50 W	50 W	50 W
UV Lamp Power Consumption	30 W	30 W	30 W	30 W
Cabinet Weight	205 kg	240 kg	270 kg	285 kg

The Infinity IVD Laminar Flow Cabinet is designed to create a contaminant-free work environment by providing laminar airflow, making it ideal for sensitive laboratory applications. With HEPA filters offering 99.995% efficiency, the cabinet ensures clean air within the workspace. It operates at low noise levels and provides high illumination for precise work. Available in different sizes, this cabinet is perfect for research, clinical, and medical labs that require a sterile working environment.

FUME HOOD

PRODUCT MCO-90/MCO-120/MCO-150/MCO-180

Technical Specifications:				
Specification	**MCO-90**	**MCO-120**	**MCO-150**	**MCO-180**
Dimensions of the Work Chamber (W x D x H)	86 x 65 x 97 cm	116 x 65 x 97 cm	146 x 65 x 97 cm	176 x 65 x 97 cm
External Dimensions (W x D x H)	90 x 75 x 230 cm	120 x 75 x 230 cm	150 x 75 x 230 cm	180 x 75 x 230 cm
Fan Suction Capacity (m^3/h)	1080	1250	1250	1450
Fan Suction Material	Acid and water-resistant PP (Polypropylene)			
Work Table	Anti-acid Compact Laminate, Stainless, PP, Porcelain, GL8, Ceramic			
In-Cab Lighting	Fluorescent Lamp, unaffected by chemical vapors			
Sound Level	< 60 dB(A)	< 60 dB(A)	< 60 dB(A)	< 60 dB(A)
Sash (Sliding Glass Panel)	Motorized Control	Motorized Control	Motorized Control	Motorized Control

The Infinity IVD Fume Hood is designed to provide a safe working environment by removing harmful fumes and vapors from the workspace. With a powerful fan suction system and high durability due to its acid and water-resistant polypropylene material, this fume hood ensures both operator safety and efficiency. Available in multiple sizes, it features a motorized sash for easy operation, low sound levels, and integrated lighting that is resistant to chemical vapors. Ideal for laboratory use, it minimizes exposure to hazardous substances.

GROWTH CHAMBER

PRODUCT MBB-250/MBB-400/MBB-600

Technical Specifications:			
Specification	**MBB-250**	**MBB-400**	**MBB-600**
Capacity	250 L	400 L	600 L
Humidity-Free Temperature Range	Unilluminated -10°C/+60°C - Illuminated 10°C/+60°C		
Moist Temperature Range	10°C/+80°C	10°C/+80°C	10°C/+80°C
Temperature Display Accuracy	0.1°C	0.1°C	0.1°C
Maximum Light Level	10,000 Lux	10,000 Lux	10,000 Lux
Lighting Timer	0-999 hours 59 min, hold position	0-999 hours 59 min, hold position	0-999 hours 59 min, hold position
Number of Program Memories	10	10	10
Number of Program Repetitions	999	999	999
Number of Shelves	3.Tem	4.Eki	4.Ara
Internal Surface	Stainless Steel	Stainless Steel	Stainless Steel
External Surface	Epoxy Painted, Galvanized Steel	Epoxy Painted, Galvanized Steel	Epoxy Painted, Galvanized Steel
Internal Dimensions (W x D x H) cm	55 x 55 x 85	65 x 65 x 95	75 x 70 x 110
External Dimensions (W x D x H) cm	75 x 75 x 175	85 x 85 x 180	95 x 90 x 195
Power Consumption	6000 W	6000 W	6000 W
Power Supply	220V 50Hz	220V 50Hz	220V 50Hz

The Infinity IVD Growth Chamber is designed to simulate real environmental conditions for plant growth, seed germination, and other biological applications. It offers precise control of temperature, humidity, and lighting with a wide temperature range and high light intensity up to 10,000 Lux. With its advanced insulation and multiple programmable memory settings, it allows the user to create customized growth conditions for a variety of experiments. The chamber is available in different capacities, making it suitable for various research needs. .

CLIMATE CABINET

PRODUCT MIT-120 / MIT-250 / MIT-400 / MIT-600

Technical Specifications:				
Specification	**MIT-120**	**MIT-250**	**MIT-400**	**MIT-600**
Temperature Range without Humidity	Lights off -10°C/+60°C - Lights on 10°C/+60°C			
Temperature Range with Humidity	10°C/+60°C	10°C/+60°C	10°C/+60°C	10°C/+60°C
Temperature Display Accuracy	0.1°C	0.1°C	0.1°C	0.1°C
Setting Accuracy (Humidity)	1% Rh	1% Rh	1% Rh	1% Rh
Illumination	10,000 Lux	10,000 Lux	10,000 Lux	10,000 Lux
Time Setting	0-999 Hours 59 Min, hold position			
Number of Program Memories	10	10	10	10
Number of Program Repetitions	1-999	1-999	1-999	1-999
Capacity	120 L	250 L	400 L	600 L
Number of Shelves (Standard/Max)	3*7	4*10	4*12	4*12
Internal Surface	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
External Surface	Galvanized Steel, Epoxy-Resin-Coated			
Internal Dimensions (W x D x H)	41 x 43 x 76 cm	55 x 55 x 90 cm	65 x 64 x 101 cm	74 x 70 x 115 cm
External Dimensions (W x D x H)	73 x 79 x 156 cm	78 x 85 x 181 cm	87 x 97 x 183 cm	96 x 103 x 197 cm
Power Consumption	2750 W	2750 W	4000 W	4000 W
Power Supply	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz

The Infinity IVD Climate Cabinet is a high-tech laboratory instrument designed for testing various specimens in controlled environmental conditions. It offers precise control over temperature and humidity, with settings for humidity accuracy as fine as 1% Rh and a wide temperature range between -10°C and +60°C. The chamber features stainless steel interiors and epoxy-coated external surfaces for durability and hygiene, making it ideal for a variety of research applications.

LABARATORY REFRIGERATOR

PRODUCT MKT-70/MKT-115/MKT-210/MKT-275/MKT-1440

Technical Specifications:					
Model	**MKT-70**	**MKT-115**	**MKT-210**	**MKT-725**	**MKT-1440**
Temperature Range	0 / 15°C				
Set Temperature Range	4°C				
Number of Shelves	2	3	3	5	12
Internal Body Material	Stainless Steel				
Door	Glass Door, Electrically Heated				
External Dimensions (W x D x H)	455x615x765 mm	600x640x910 mm	600x640x1210 mm	780x840x2000 mm	1450x840x2064 mm
Internal Dimensions (W x D x H)	360x485x455 mm	410x505x600 mm	410x505x900 mm	650x660x1540 mm	1300x660x1540 mm
Net Capacity (L)	65 L	110 L	170 L	600 L	1300 L
Weight (kg)	38 kg	52 kg	66 kg	163 kg	280 kg
Power Consumption (Watt)	85 W				
DAS and E-Mail Module	Optional				

The Infinity IVD Laboratory Refrigerators are designed for research, clinical, and industrial applications, with a temperature range of 0 to 15°C and preset temperature at +4°C. With stainless steel interiors and multiple shelving options, these refrigerators provide excellent durability and ease of use. Equipped with digital microprocessor controls, alarms, and optional features such as graphical thermal printers and SMS/email modules, they ensure high functionality and safety. Available in various sizes, they cater to diverse laboratory storage needs.

BLOOD STORAGE CABINET

PRODUCT MKS-25/MKS-50/MKS-100/MKS-200/MKS-300/MKS-600

Technical Specifications:						
Specification	**MKS-25**	**MKS-50**	**MKS-100**	**MKS-200**	**MKS-300**	**MKS-600**
Capacity of Blood Bags	25 Pcs	60 Pcs	120 Pcs	240 Pcs	336 Pcs	672 Pcs
Temperature Range	+2 / +8°C	+2 / +8°C	+2 / +8°C	+2 / +8°C	+2 / +8°C	+2 / +8°C
Preset Temperature	+4°C	+4°C	+4°C	+4°C	+4°C	+4°C
Rack Drawers	2	2	3	6	6	12
Internal Body Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Digital Microprocessor Control	Yes	Yes	Yes	Yes	Yes	Yes
Graphical Thermal Printer	Optional	Optional	Optional	Optional	Optional	Optional
Alarm (Heat, Open Door, Electric)	Yes	Yes	Yes	Yes	Yes	Yes
Interior Lighting	Yes	Yes	Yes	Yes	Yes	Yes
External Dimensions (W x D x H) mm	450 x 655 x 765	600 x 630 x 1230	600 x 640 x 1430	600 x 640 x 2000	765 x 820 x 2000	1450 x 820 x 2000
Internal Dimensions (W x D x H) mm	370 x 350 x 520	516 x 543 x 595	516 x 543 x 797	516 x 543 x 1391	660 x 712 x 1347	1370 x 712 x 1346
Packing Size (W x D x H) mm	460 x 700 x 795	605 x 700 x 1270	605 x 700 x 1520	605 x 700 x 1520	920 x 775 x 2200	1550 x 920 x 2200
Gross Weight (kg)	55	100	100.5	146	190	295
Gross Capacity (L)	70	165	223	390	632	1312
Door Lock	Yes	Yes	Yes	Yes	Yes	Yes
SMS and E-Mail Module	Optional	Optional	Optional	Optional	Optional	Optional
Wheels (2 Locked / 2 Non-Locked)	Yes	Yes	Yes	Yes	Yes	Yes

The Infinity IVD Blood Bank Refrigerators are designed to store blood bags at a stable temperature range of +2 to +8°C, with a preset temperature of +4°C. Equipped with digital microprocessor control, alarms for heat, open doors, and power, and optional graphical thermal printers and SMS/email modules, these refrigerators ensure optimal conditions for blood storage. Available in various sizes, they are ideal for clinical, research, and hospital environments, with stainless steel interiors and multiple rack drawers for efficient organization.

CHEMICAL STORAGE CABINET

PRODUCT CSB-50/CSB-90

Technical Specifications:	
Specification	**Details**
Dimensions (cm)	50 x 60 x 195 and 90 x 60 x 195
External Surface	Steel with corrosion-resistant epoxy powder-coated paint finish
Internal Surface	Steel with corrosion-resistant epoxy powder-coated paint finish
Lock Cover System	Lockable doors
Color	RAL 7035 (Gray) or RAL 1004 (Yellow)
Other Features	Double-walled ventilation panels
	150 mm ventilation output for ventilation connection
	Impermeable sealing system
	Telescopic guide rails
	Front panel made of acrylic glass (optional)

The Infinity IVD Chemical Storage Cabinet is designed for the safe storage of toxic, non-flammable chemicals and hazardous materials. Featuring double-walled ventilation panels and a corrosion-resistant finish, this cabinet ensures durability and safety in laboratory environments. With lockable doors and optional acrylic glass panels, it offers both security and visibility for stored substances. The cabinet is equipped with an impermeable sealing system, ensuring effective containment and compliance with safety regulations.

PASS BOX

PRODUCT **PB01**

Technical Specifications:	
Specification	**Details**
Dynamic Pass Box	A dynamic pass box is fitted between classified and non-classified areas. Material is passed through vertically HEPA filtered air.
Static Pass Box	A static pass box is fitted between two clean room areas and has no air supply or extract. It is equipped with UV light.
External Surface	2.0 mm galvanized steel with antibacterial powder coating
Color	Optional
Internal Surface	0.80 mm AISI304 stainless steel
Glass	2 pieces, 3+3 mm laminated
Dimensions	Optional

The Infinity IVD Pass Box is designed for transferring materials between classified and non-classified areas in controlled environments to avoid contamination. Available in both dynamic and static versions, the dynamic pass box uses HEPA filtered air for material transfer, while the static version operates between clean rooms with UV light sterilization. Constructed with galvanized steel and stainless steel interiors, it ensures durability and safety in lab environments.

ANTI VIBRATION TABLE

PRODUCT **AVT120**

Technical Specifications:	
Specification	**Details**
Overall dimensions (W x D x H)	1200 x 800 x 800 mm
Material	Powder painted mild steel/Stainless steel
Float Size	540 x 340 mm
Power consumption	115V 60Hz or 230V 50Hz
Recommended load weight	26-32 kg
Damping coefficient (6 Hz)	~0.1
Amplitude (6 Hz)	<1 µm
Weight	70 kg

The Anti Vibration Table is designed to significantly reduce vibrations and disturbances during sensitive laboratory processes. Built with a sturdy frame of stainless steel, it is easy to clean and maintain, providing stability for delicate instruments. Its passive damping mechanism ensures precision in environments requiring minimal vibration, especially for high-precision devices like microscopes.

VORTEX MIXER

PRODUCT **MIXS**

Technical Specifications for MIX-S Mini Vortex Mixer	
Specification	**Details**
Speed	3500 rpm
Power	12W
Weight	0.55 kg
Dimensions (L x W x H)	10 cm x 9.8 cm x 7 cm
Tube Compatibility	Fits 1.5 ml and 2 ml tubes
High Voltage	3500 rpm
Adapter	External 110V voltage adapter, easy to carry
Vibration Stability	Rubber suction feet for stable and reliable vibration

The MIX-S Mini Vortex Mixer is an ideal solution for basic mixing tasks in laboratories, featuring a compact design and fixed-speed operation. Its small footprint saves valuable bench space, and its portability ensures ease of use. With a fixed speed of 3500 rpm, it enables fast and efficient mixing of samples. The mixer is particularly suited for microcentrifuge tubes and small vials. Its sturdy construction, along with non-slip rubber feet, enhances stability during operation and minimizes vibration. Made from durable materials, the MIX-S Mini Vortex Mixer provides long-lasting and reliable performance in laboratory environments.

VORTEX MIXER

PRODUCT **MINI10K**

Technical Specifications for Mini-10K+ Mini Centrifuge	
Specification	**Details**
Speed	3000-10000 rpm
RCF (Relative Centrifugal	500-5400 g
Weight	1.5 kg
Dimensions (L x W x H)	17 cm x 16 cm x 12 cm
Rotor Compatibility	Equipped with two rotors: 2.0 ml/1.5 ml and 0.2 ml/8-strip
Key Features	1.5x stronger centrifugal force
Lid Functionality	Automatic lid opening for one-handed operation
Design	Integrated design for easy rotor changing and removal
Noise Reduction	Noise reduction function, quiet operation
Motor	Maintenance-free motor, durable and reliable

The MINI-10K+ Mini Centrifuge is a compact and versatile tool, designed for a wide range of laboratory applications. Equipped with various rotors and adapters, it can handle multiple test tube sizes, including 0.2ml, 1.5ml, 5ml, and PCR tubes. Its powerful motor delivers high-speed performance, reaching up to 10,000 rpm, ensuring efficient separation and quick results. The fully transparent lid provides a clear view of the process, while its advanced safety features, such as automatic lid opening and precise timing functions, enhance user convenience. With its low noise operation and maintenance-free motor, the MINI-10K+ ensures reliable and quiet use, making it an ideal choice for any laboratory setting.

MICRO ULTRACENTRIFUGE

PRODUCT **MC-15K**

Technical Specifications for MC-15K Micro Ultracentrifuge	
Specification	**Details**
Speed	500-15000 rpm
RCF (Relative Centrifugal Force)	100-15000 g
Weight	Not specified
Dimensions (L x W x H)	17 cm x 16 cm x 12 cm
Noise Reduction	Almost silent operation
Rotor Material	High-strength aluminum alloy rotor, can be sterilized
Key Feature	Quick key for temporary centrifugation, automatic rotor detection
Safety Features	Automatic imbalance detection system, safe and reliable electronic lock protection
Rotor Capacity	Stronger aluminum alloy autoclavable rotor for larger samples

The MC-15K Micro Ultracentrifuge is a high-speed, precision tool designed for biological laboratories requiring efficient and safe sample centrifugation. With its small footprint, it fits perfectly in compact lab spaces while delivering powerful performance. Operating at speeds up to 15,000 rpm, it accelerates and decelerates quickly without brake function, effectively preventing sample re-suspension and protecting sensitive materials. Equipped with advanced noise reduction technology, the MC-15K offers nearly silent operation. Its high-strength aluminum alloy rotor is durable and can be sterilized, making it suitable for a wide range of applications. Additional features include automatic imbalance detection, electronic lock protection, and a safe, user-friendly interface. This centrifuge is ideal for quick and precise centrifugation processes in any lab.

DRY BATHROOM INCUBATOR

PRODUCT **GH-100**

Technical Specifications for GH-100 Dry Bathroom Incubator	
Specification	**Details**
Temperature Range	+5°C to 150°C
Weight	2.8 kg
Dimensions (L x W x H)	30 cm x 24 cm x 17 cm
Program Settings	5 recorded programs, can be run separately or connected
Block Material	Various aluminum alloy blocks, easy to replace
Heating Speed	Fast heating, precise, and stable
Control System	Controlled by PID with high accuracy and good suitability
Timer and Display	LCD monitor for time and temperature
Additional Features	Voice alarm for finished programs, temperature calibration

The GH-100 Dry Bath Incubator is a microprocessor-controlled device with an LCD screen that allows precise temperature control, significantly reducing experiment time and increasing efficiency. It is widely used for the cultivation, preservation, and reaction of samples, offering multifunctional capabilities such as heating and special programs to meet various user needs. The unit supports multiple aluminum alloy blocks that are easily replaceable for different applications. Its fast heating speed, sensitive and stable performance, and accurate temperature control make it a reliable tool for laboratories. Additionally, it features an LCD monitor, temperature calibration, and a voice alarm for completed programs, ensuring a user-friendly experience.

THERMAL SHAKER

PRODUCT **HH-100A3**

Specification	Details
Speed Range	300-2000rpm
Temperature Range	100°C
Weight	8.3kg
Dimensions (W x D x H)	30 cm x 22 cm x 17 cm
Programmable Built-in Programs	5
Engine	Does not need maintenance
Sensitivity	High
Various Blocks	Yes

The Thermo Shaker Incubator (HH-100A3) is an advanced laboratory device designed for a wide range of molecular biology applications, including incubation, catalysis, mixing, and preservation of samples. It combines precise temperature control with efficient shaking capabilities to ensure consistent and accurate results. Equipped with programmable built-in programs and high sensitivity, the device allows users to customize and optimize experiments with ease. Its DC brushless motor and semiconductor cooling technology improve reliability and reduce maintenance needs. With a compact design, the Thermo Shaker Incubator is ideal for laboratories seeking a versatile and efficient solution for their incubation needs.

LABORATORY COUNTERTOP AND FURNITURE SYSTEMS

PRODUCT

System	Measurements	Countertop Material	Height	Width	Depth
Edge Countertop SYSTEMS (Bench 75x100 MBMBN-75)	75 cm x 360 cm	White Compact Laminate	90 cm	360 cm	75 cm
Island Countertop SYSTEMS (Bench 90x100 MBMBN-90)	90 cm x 360 cm	White Compact Laminate	90 cm	360 cm	90 cm
Cabinet SYSTEMS (Cabinet 120x50x65 MBMBC-120)	120 cm x 50 cm x 65 cm	White 1st Class Quality MDF	65 cm	120 cm	50 cm
Drawer SYSTEMS (Drawer 50x50x65 MBMDW-50)	50 cm x 50 cm x 65 cm	White 1st Class Quality MDF	65 cm	50 cm	50 cm

The Laboratory Countertop and Furniture Systems are designed to meet the demanding needs of modern laboratories, providing durable, high-quality workspaces that promote efficiency and safety. These systems include a variety of benches, cabinets, and drawer units, all crafted from top-grade materials such as White Compact Laminate and 1st Class Quality MDF. Each unit is ergonomically designed with ample space for laboratory equipment, offering organized and accessible storage. The countertops are robust, easy to clean, and resistant to common laboratory chemicals, ensuring a long-lasting and professional appearance. With modular designs, these furniture systems can be customized and adapted to fit the unique layout and requirements of any laboratory environment.

CTC SERIES CONVEYOR(Casette Type Conveyor)

PRODUCT **CTC400**

Technical Specifications			
Model	**CTC400**	**CTC600**	**CTC800**
Capacity	400 cassettes per minute	600 cassettes per minute	800 cassettes per minute
Number of Lanes	4 lanes		
Speed Adjustment	Adjustable speed		
Mounting Feature	Cylinder providing pressure closure during cassette assembly		
Additional Features	Cassette trays on side compartments, automatic conveyor system		
Control System	PID microprocessor-based speed and assembly control system		
Material	Stainless steel / Electrostatic coated panels		
Power Consumption	200W	300W	400W
Power Supply	220V AC (Mains electricity)		
Dimensions (W x D x H)	400 cm x 60 cm x 90 cm	600 cm x 60 cm x 100 cm	800 cm x 60 cm x 100 cm

The CTC Series Casette Type Conveyor is a high-speed, automated system designed for efficient cassette assembly and transportation. Available in three models—CTC400, CTC600, and CTC800—the system offers capacities of 400, 600, and 800 cassettes per minute, respectively. With 4 lanes and adjustable speed, it ensures smooth and precise cassette handling in medical device production and diagnostic kit manufacturing. The conveyor features a PID microprocessor control system for accurate speed and assembly, along with a cylinder that applies pressure during cassette closure. Built with stainless steel and electrostatic-coated panels, the CTC Series is durable and powered by 220V mains electricity. Its compact design and varying conveyor lengths (400 cm, 600 cm, 800 cm) make it ideal for integration into any production line, maximizing efficiency and throughput.

PTC SERIES CONVEYOR(Packaging Type Conveyor)

PRODUCT **PTC400**

Technical Specifications			
	PTC400	**PTC600**	**PTC800**
Type	Straight conveyor belt		
Length	400 cm	600 cm	800 cm
Width	60 cm		
Height	100 cm		
Speed Adjustment	Adjustable speed		
Control System	PID microprocessor-based control system		
Material	Stainless steel / Electrostatic-coated panels		
Power Consumption	150W	200W	250W
Power Supply	220V AC (Mains electricity)		

The PTC Series Packaging Type Conveyor is a straight belt conveyor system designed for efficient transportation of products on production lines. Available in three models—PTC400, PTC600, and PTC800—these conveyors offer length options of 400 cm, 600 cm, and 800 cm, respectively. With adjustable speed settings and a robust PID microprocessor control system, the PTC Series ensures seamless integration into various manufacturing processes. Constructed with durable stainless steel and electrostatically coated panels, these conveyors operate on 220V mains electricity, providing a reliable and energy-efficient solution for optimizing workflow and increasing production efficiency.

COLD ROOM

PRODUCT CR16

Technical Specification		
Feature	**+4°C Details**	**-20°C Details**
Temperature Range	+2°C to +8°C	-25°C to -15°C
Target Temperature	+4°C	-20°C
Internal Volume	Variable based on need (e.g., 10 m³, 20 m³, etc.)	Variable based on need (e.g., 10 m³, 20 m³, etc.)
Insulation Panel Thickness	80 mm Polyurethane Foam	120 mm Polyurethane Foam
Door Type	Single or double leaf, manual or automatic	Single or double leaf, manual or automatic
Door Dimensions	80 x 200 cm (adjustable upon request)	80 x 200 cm (adjustable upon request)
Exterior Panel Material	Stainless steel or galvanized sheet	Stainless steel or galvanized sheet
Interior Panel Material	Stainless steel or PVC-coated galvanized sheet	Stainless steel or PVC-coated galvanized sheet
Cooling Unit	Hermetic or semi-hermetic compressor	Hermetic or semi-hermetic compressor
Cooling Capacity	Based on need (e.g., 1.5 kW, 2.5 kW, etc.)	Based on need (e.g., 2.5 kW, 4 kW, etc.)
Humidity Control	Optional (hygrometer and control system)	Not applicable for freezing conditions
Ventilation System	Automatic air circulation system	Automatic air circulation system
Power Supply	220V / 380V, 50Hz	220V / 380V, 50Hz
Backup Power Supply	Optional generator connection	Optional generator connection
Alarm System	Temperature and door alarm	Temperature and door alarm
Digital Control Panel	Temperature and humidity control, remote monitoring option	Temperature monitoring, remote monitoring option
Data Logging	Optional data logging and monitoring system	Optional data logging and monitoring system
Hygiene Certification	Compliant with food and pharmaceutical storage standards	Compliant with pharmaceutical and laboratory standards
Warranty	2 years (extended warranty for compressor available)	2 years (extended warranty for compressor available)

This cold room system is designed to operate in both +4°C and -20°C temperature ranges, offering flexible internal volume options customizable to user needs. With high-insulation polyurethane panels and a durable exterior made of stainless steel or galvanized sheets, it ensures reliability and efficiency. Featuring automatic or manual door options with adjustable dimensions, it is equipped with hermetic or semi-hermetic compressors for optimal cooling performance. Optional humidity control and a remotely monitored digital control panel enhance operational convenience, while its compliance with food, pharmaceutical, and laboratory hygiene standards ensures safe storage. Additional features such as optional generator connectivity, temperature and door alarms, and an optional data logging system provide advanced monitoring and security. Backed by a two-year warranty and extended warranty options for the compressor, this system is an ideal solution for industrial and commercial applications.

PROGRAMMABLE SHEET CUTTER

PRODUCT — SC100

Technical Specifications		
Model	**SC100**	**SC280**
Maximum Cutting Speed	100 times/minute	280 times/minute
Cutting Precision	±0.20 mm	±0.10 mm
Maximum Cutting Width	310 mm	310 mm
Width Adjustment	5-50 mm	5-50 mm
Equipment Dimensions (W x D x H)	540 x 330 x 350 mm	540 x 330 x 350 mm

The SC Series Cutting Devices are designed for high-precision, high-speed industrial cutting operations. Available in two models, SC100 and SC280, these machines offer cutting speeds of 100 and 280 times per minute, with cutting precisions of ±0.20 mm and ±0.10 mm, respectively. Both models support a maximum cutting width of 310 mm and adjustable width settings from 5 to 50 mm. Compact and durable, the SC Series is ideal for precise cutting of materials like paper and membranes, making it an efficient and reliable choice for production lines. The equipment dimensions are 540 x 330 x 350 mm, ensuring easy integration into various manufacturing environments.

DISPENSER

PRODUCT — D3 / D5

Technical Specification		
Features	**Infinity D3**	**Infinity D5**
Power Supply	220V / 50HZ, 5A	220V / 50HZ, 5A
Power	350 W	350 W
Number of Pumps	3	5
Suitable Uncut Sheet Width	50-120 mm	50-120 mm
Dispensing Length	300 mm	300 mm
Number of Programs Stored	10	10
Positioning Accuracy	±0.1 mm	±0.1 mm
Minimum Line Spacing	3 mm	3 mm
Minimum Solution Suck Volume	1 µL	1 µL
Pump Volume	500 µL	500 µL
Reciprocating Speed	50-200 mm / s	50-200 mm / s
Optional Conjugation Spray	Available	Available

The Infinity D3 and Infinity D5 are advanced tabletop dispensers designed for precise and efficient dispensing of reagents on uncut sheets. Equipped with 3 and 5 pumps respectively, both models support customizable configurations, including optional conjugation spray attachment. With a dispensing length of 300 mm, positioning accuracy of ±0.1 mm, and a user-friendly touchscreen interface, these devices are ideal for high-throughput production environments. Their compact design, micro-volume dispensing capability, and compatibility with various sheet widths (50-120 mm) make them versatile solutions for diagnostic kit manufacturing.

FLOWPACK/SOFPACK DEVICE

PRODUCT FP60 / SP60

Technical Specifications	
Feature	**Details**
Packaging Speed	50-150 packs per minute
Packaging Type	Horizontal flowpack
Package Width	30 mm - 200 mm
Package Length	60 mm - 300 mm
Film Width	80 mm - 400 mm
Film Type	Heat-sealable single or multi-layer films
Control System	PLC with touch screen control panel
Precision	±0.2 mm
Material	Stainless steel
Power Consumption	3 kW
Electrical Requirements	220V / 380V, 50Hz
Air Pressure	0.6-0.8 MPa
Dimensions (W x D x H)	4000 mm x 1000 mm x 1500 mm
Weight	800 kg
Film Feeding	Automatic film feeding and alignment system
Packaging Material	Plastic, Aluminum, Laminates
Cutting System	Servo motor-controlled precision cutting system
Speed Adjustment	Adjustable speed
Alarm System	Alarm for film end or machine malfunction
Additional Features	Automatic product feeding, temperature control, batch coding

The flowpack packaging machine is designed for the efficient and reliable packaging of products such as test cassettes. With a speed range of 50 to 150 packs per minute, it supports various package sizes and uses heat-sealable single or multi-layer films. The machine features an automatic film feeding system, precise servo-controlled cutting, and a PLC touchscreen control panel for easy operation. Made of durable stainless steel, it offers ±0.2 mm precision and includes additional features like speed adjustment, temperature control, and an alarm system, making it an ideal solution for high-speed packaging in various industries.

FULLFILLING DEVICE

PRODUCT FF40 - FST

Technical Specifications		
Feature	**FF40 - BCT (Break Cap Tube)**	**FF40 - FST (Foil Sealed Tube)**
Model	FF40 - BCT (Full Filling Machine - Break Cap Tube)	FF40 - FST (Full Filling Machine Foil Sealed Tube)
Capacity	40 tubes/min	
Filling Type	Break Cap Tube Filling	Foil Sealed Tube Filling
Cap Type	Breakable cap	Foil type cap
Weight	200 kg	
Vibrating Feeding	Optional	
Control System	PLC-based with touchscreen control panel	
Power Supply	220V/380V, 50Hz	
Material	Stainless steel	
Application	Ideal for filling breakable cap tubes	Ideal for filling foil-sealed tubes
Efficiency	High filling speed and accuracy	
Dimensions	Customizable based on production line needs	

The FF40 Series Fullfilling Machines offer efficient and precise filling solutions, with a capacity of 40 tubes per minute. The series includes two models: FF40 - BCT, designed for breakable cap tubes, and FF40 - FST, suited for foil-sealed tubes. Both models are made of durable stainless steel and feature a PLC-based control system with a touchscreen interface for easy operation. With optional vibrating feeding and a compact design, these machines are ideal for industries requiring fast and reliable tube filling and sealing.

HORIZONTAL PACKAGING MACHINE

PRODUCT HPM50

Technical Specifications	
Feature	**Details**
System	Linear
Working Principle	Continuous
Frame	Box profile DKP steel, static powder-coated
Control Unit	Delta
Box Dimensions	Adjustable according to product size
Electrical Requirement	380V, 50Hz, 3-Phase
Air Requirement	6-8 bar
Energy Consumption	3 kW
Air Consumption	250 L/min
Weight	1200 kg
Capacity	50-80 units/min (varies based on product and box size)

The horizontal packaging machine is a high-efficiency system designed to package products in a continuous and orderly manner. It features a linear operating system, adaptable to various product sizes, with adjustable box dimensions for precise packaging. Widely used in industries like cosmetics, food, and pharmaceuticals, this machine is built with a durable steel frame and controlled via a Delta control unit for seamless performance. It has a packaging capacity of 50-80 units per minute, consumes 3 kW of energy, and operates on 380V/50Hz power. Its design ensures rapid, accurate, and reliable packaging, enhancing productivity in production lines.

AUTOMATED CASSETTE DEVICE

PRODUCT

Technical Specifications		
Feature	RTM1000	RTM1000A
Production Capacity	1,000 lateral flow cassettes per hour	
Productivity Enhancement	Dual cassette indexing table for improved throughput	
Quality Control	Image processing system	
Labour-saving Functionality	Bulk loading for top and bottom cassettes	
Control Panel	Dual interface touch screen, simplifying operator interaction	
Automation Type	Semi-automated	Fully automated
Cassette Feeding Method	Manual feeding	Vibration feeding
Memory Feature	Available	
Uncut Sheet Cutting	Included	
Power Consumption	3,500W	
Power Supply	220V / 50Hz	
Weight	250 kg	
Dimensions	180x220x120 cm	

The automated lateral flow assembly machine is designed for high-speed production of lateral flow diagnostics, capable of assembling 1,000 test cassettes per hour. It integrates advanced features such as a dual cassette indexing table to enhance productivity, image processing systems for quality control, and both manual and vibration-based feeding options for the cassettes. With a fully automated or semi-automated configuration, it provides flexibility in production environments. The machine also includes uncut sheet cutting, labor-saving functionality, and intuitive touchscreen controls, ensuring efficient operation and precise assembly. Its robust design and high throughput make it ideal for large-scale diagnostic manufacturing operations.

TEST CASETTE MOLDS

PRODUCT SCCM32

Our mold manufacturing company provides customized solutions tailored to the needs of rapid test manufacturers. Our products are designed and produced to meet all technical requirements, enhancing efficiency throughout the test production process. The molds are crafted with high precision and can be customized in terms of size, shape, and functional features according to customer specifications. By utilizing modern production technologies, we ensure the durability and longevity of the molds, enabling continuous and high-quality production on the manufacturing line.

BUFFER TUBE MOLDS

PRODUCT TCM32

Our mold manufacturing company offers customized mold solutions tailored to the needs of buffer tube manufacturers. Our products are designed and produced to meet all technical requirements, ensuring maximum efficiency in the tube production process. The molds are crafted with high precision and can be customized in terms of size, shape, and functional features according to customer specifications. Utilizing modern production technologies, we guarantee the durability and longevity of the molds, enabling continuous and high-quality production on the manufacturing lines.

PETRI FULLFILLING MACHINE

PRODUCT **PFS480**

Technical Specifications	
Model	PFS480
Capacity	480 units/hour
Electrical Requirements	220V AC, 50Hz (Standard household)
Power Consumption	Comparable to a household appliance
Weight	100 kg
Dimensions (W×D×H)	40x60x60 cm
Material	Stainless steel / ABS plastic
Control System	User-friendly interface
Additional Features	Automatic petri dish alignment

The Petri fulfilling machine is a versatile and efficient solution designed for precise dispensing of liquids, gels, or semi-viscous products in laboratory and industrial settings. Built with stainless steel components and easy-to-clean design, it ensures hygiene and compliance with quality standards. Featuring adjustable filling volumes, user-friendly controls, and high-speed operation, it enhances productivity while maintaining accuracy. Ideal for pharmaceuticals, cosmetics, food, and chemical industries, this machine offers reliable performance for both small-scale and high-volume filling tasks.

PLATE CENTRUFUGE

PRODUCT **PC100**

Technical Specifications	
Model	PC100
Application	Genomics, Proteomics, High-Throughput Screening
Sample Format	Compatible with standard microplates (96-well, 384-well)
Speed Range	Adjustable, 500–4000 RPM (uniform spinning)
Separation Efficiency	High-performance separation with minimal sample loss
Design	Compact, benchtop
Interface	User-friendly digital control panel
Safety Features	Auto-lid lock, imbalance detection, over-speed protection
Power Supply	110–220V AC, 50/60Hz
Dimensions (W×D×H)	30 cm × 30 cm × 25 cm
Weight	4 kg
Material	Durable ABS housing, stainless steel rotor

The plate centrifuge is a high-performance laboratory instrument designed for the efficient separation of samples in microplates. Offering rapid and uniform spinning, it is ideal for applications in genomics, proteomics, and high-throughput screening. With its adjustable speed and compact design, the centrifuge accommodates various plate formats while ensuring reliable results with minimal sample loss. Built with a user-friendly interface and safety features, it delivers precise separation and consistent performance, making it a valuable addition to any laboratory working with microplate-based assays.

PIPETTE SET

PRODUCT — PIPMAXI

Technical Specifications	
Model	PIP MAXI
Composition	5 autoclavable pipettes with adjustable volumes:
	- 0.5–10 µL (Ultra-micro)
	- 2–20 µL (Micro)
	- 10–100 µL (Micro)
	- 20–200 µL (Macro)
	- 100–1000 µL (Macro)
Accuracy	≤±0.1% (Class-leading precision)
Adjustability	Automatic volume adjustment (digital or mechanical)
Material	High-quality, chemical-resistant plastic & metal components
Ergonomics	Lightweight, anti-slip grip; reduces hand fatigue
Sterilization	Fully autoclavable (121°C, 20 min)
Applications	PCR, cell culture, ELISA, diagnostics, and more
Calibration	Pre-calibrated; includes calibration certificate
Warranty	1 year

The pipette set is a versatile and essential tool for precise liquid handling in laboratory environments. Designed for accuracy and ease of use, each pipette in the set offers adjustable volume ranges to accommodate a wide array of applications, from routine assays to complex experiments. Constructed from high-quality materials, the pipettes are ergonomically designed to reduce hand fatigue during prolonged use. The set includes multiple sizes, ensuring reliable and consistent performance for accurate sample transfer, while the easy-to-clean design ensures long-lasting durability and hygiene in any laboratory setting.

COOLING CENTRUFUGE

PRODUCT — CC12500

Technical Specifications	
Model Name	CC12500
Type	High-Speed Refrigerated Centrifuge
Max Speed	12,500 RPM
Speed Control	Adjustable
Temperature Range	0°C to +30°C (±1°C)
Rotor Capacity	6 x 50 mL
Dimensions (WxDxH)	40 cm x 50 cm x 35 cm
Weight	70 kg
Power Input	220V AC, 50/60Hz
Power Consumption	1.5 kW
Noise Level	≤55 dB
Rotor Types	Fixed Angle Rotor (standard)
Safety Features	Auto-lid lock, Imbalance detection, Over-speed protection
Interface	Digital LCD display
Applications	Molecular biology, Clinical research, Biochemistry

The cooling centrifuge is a high-performance laboratory instrument designed for the efficient separation of samples at low temperatures. Ideal for sensitive applications in molecular biology, biochemistry, and clinical research, it ensures that samples remain stable and protected from heat degradation during centrifugation. Equipped with a refrigeration system, the centrifuge maintains a precise temperature range, preventing sample degradation and ensuring reliable results. With its intuitive controls, rapid acceleration, and versatile rotor options, the cooling centrifuge is essential for laboratories requiring high-speed separations and temperature-sensitive sample handling.

PETRI DISHES MOLD

PRODUCT PDM16

Technical Specifications	
Model Name	PDM16
Type	High-Speed Two-Part Injection Mold
Capacity	16 cavities (90mm dishes)
Production Rate	40 dishes/minute (2,400/hour)
Mold Design	2-part system (Base Lid + Top Lid)
Operating Pressure	160-300 tons (adjustable)
Dimensions	80 cm × 60 cm × 45 cm (L×W×H)
Weight	350 kg
Material	Hardened tool steel (HRC 52-54) with chromium plating
Surface Finish	Mirror-polished (Ra ≤ 0.2μm)
Cooling System	Integrated water channels (4 inlets/outlets)
Ejection System	Automatic pneumatic ejection
Tolerance	±0.05 mm
Compatibility	Standard 90mm Petri dishes (PS/PP materials)

The Petri dishes mold is a precision-crafted tool designed for the consistent production of high-quality Petri dishes used in microbiological research and applications. Made from durable, non-reactive materials, it ensures uniformity in size and shape, providing reliable results for culturing and isolating microorganisms. The mold is easy to use, facilitating efficient batch production while maintaining the high standards required in laboratory environments. Its smooth surface and ergonomic design allow for quick demolding, making it an essential tool for laboratories focused on microbiology, tissue culture, or educational purpose.

SCALE FOR INDUSTRIAL

PRODUCT LS300

Technical Specifications	
Model Name	LS300
Type	Industrial Platform Scale
Capacity	300 kg
Increments	100 g
Accuracy	±0.1% of reading (OIML Class III approved)
Platform Size	60 cm × 80 cm (standard) / Custom sizes available
Material	High-strength carbon steel (powder-coated) / Stainless steel (optional)
Display	Backlit LCD with 25mm digits (IP65 rated)
Load Cells	4 x High-precision stainless steel load cells (IP68 protection)
Power Supply	220V AC or rechargeable battery (24V/5Ah, 8-hour runtime)
Interface	RS232, USB, Ethernet (optional)
Operating Temp.	-10°C to +50°C
Certifications	CE, OIML, NTEP

The industrial 300 kg scale is a robust and reliable weighing solution designed for heavy-duty applications in manufacturing, warehousing, and logistics. Featuring a high-strength steel platform and advanced load cell technology, it ensures precise and consistent measurements even for large, heavy items. The scale offers a user-friendly digital display, quick stabilization, and high accuracy, making it ideal for high-volume operations. Its durable construction, including corrosion-resistant materials, ensures long-term performance under challenging industrial conditions. With a high weight capacity and exceptional reliability, this scale is a valuable asset for industries that require precise, large-scale weighing.

CLEAN ROOM

PRODUCT

Technical Specifications	
Model Name	Infinity CR8
Classification	**ISO 8** (Class 100,000)
Airflow	Unidirectional (laminar), 0.45 m/s ±20%
Filtration	HEPA H14 filters (99.995% @ 0.3µm)
Particle Count	≤100,000 particles/m^3 (≥0.5µm)
Temperature	18-26°C (adjustable, ±1°C)
Humidity	30-60% RH (adjustable, ±5%)
Pressure Control	+10 to +30 Pa (positive pressure)
Construction	Modular panels (powder-coated steel / stainless steel options)
Flooring	Static-dissipative vinyl or epoxy
Lighting	LED, 500 lux (adjustable)
Noise Level	≤65 dB
Dimensions	Customizable (standard modules: 2.4m W × 2.4m H × 1.2m D)
Power Supply	380V/50Hz (3-phase)
Compliance	ISO 14644-1, GMP, EU Annex 1

The clean room is a controlled environment designed to maintain minimal levels of airborne contaminants, providing an ideal setting for sensitive manufacturing, research, and testing applications. Equipped with advanced filtration systems and precise environmental controls, the clean room ensures consistent air quality, temperature, and humidity levels, meeting industry standards for cleanliness. Its modular design allows for flexible configurations, while the high-quality materials and seamless construction enable easy maintenance and effective contamination control. Whether for pharmaceuticals, biotechnology, or electronics, the clean room offers a reliable solution for maintaining product integrity and ensuring optimal results in critical processes.

MANUEL CLOSING MACHINE

PRODUCT

MCM

Technical Specifications	
Model Name	MCM
Type	Manual Container Sealing Machine
Compatibility	Bottles, jars, vials (glass/plastic)
Cap Diameter Range	10–80 mm (adjustable)
Sealing Force	5–50 N (manual adjustment)
Construction	Stainless steel frame + aluminum alloy components
Base Plate	Non-slip rubber mat (replaceable)
Dimensions	30 cm × 25 cm × 40 cm (W×D×H)
Weight	8 kg
Operation	Hand-lever mechanism with ergonomic grip
Throughput	10–15 containers/minute (operator-dependent)
Safety Features	Finger guard + emergency stop
Certifications	CE, RoHS

The manual closing machine is a reliable and easy-to-use solution designed for sealing a wide range of containers, including bottles, jars, and vials. Perfect for small-scale production and laboratory environments, it ensures secure and consistent closure with minimal effort. The machine features adjustable settings for different cap sizes, offering versatility in packaging processes. Built with durable materials for long-lasting performance, the manual closing machine provides precise control over the sealing process, ensuring quality and safety in every batch. Its compact design makes it an ideal choice for facilities with limited space or lower production volumes.

BUFFER STATION

PRODUCT BS50

Technical Specifications	
Model Name	BS50
Type	Automated Buffer Preparation & Dispensing System
Capacity	50 L (expandable to 100 L)
Flow Rate	0.5–5 L/min (adjustable)
Accuracy	±0.01 pH, ±1% concentration
Display	
Materials	Chemically-resistant PP/PTFE wetted parts
Connectivity	USB/Wi-Fi/Ethernet (LAN data integration)
Dimensions	60 × 50 × 90 cm (W×D×H)
Weight	**80 kg**
Power	110–240V AC, 50/60Hz (500W max)
Certifications	CE, ISO 9001, GMP-compliant

The buffer station is a specialized system designed for the efficient preparation, storage, and dispensing of buffer solutions in laboratory settings. Engineered for precision, it ensures consistent pH levels and solution concentrations, essential for reproducible results in molecular biology, chemistry, and diagnostics. The station is equipped with adjustable settings for different buffer volumes, and its robust design ensures durability and reliability in high-demand environments. With easy-to-use controls, minimal maintenance, and a compact structure, the buffer station provides an essential tool for streamlining workflows and enhancing laboratory productivity.

AUTOCLAVE

PRODUCT AUT080

Technical Specifications	
Model Name	AUT080
Chamber Volume	80 L
Sterilization Temp	121°C (standard), 134°C (optional)
Pressure Range	1.1 to 2.1 bar
Cycle Time	15-60 min (adjustable)
Chamber Material	316L stainless steel (3mm thickness)
Display	7" Color Touchscreen with programmable presets
Sterilization Modes	Liquid, Solid, Wrapped, Hollow
Door Mechanism	Automatic sliding door with safety interlock
Power Requirements	220-240V AC, 50/60Hz, 3.5 kW
Dimensions (W×D×H)	60 × 75 × 135 cm
Weight	150 kg
Certifications	CE, ISO 13485, FDA 21 CFR Part 11 (optional)

The autoclave is an advanced sterilization device designed to provide thorough and efficient decontamination of laboratory tools, glassware, and media. Utilizing high-pressure steam, it effectively eliminates bacteria, viruses, and other pathogens, ensuring a sterile environment for critical processes. With its durable stainless steel construction, precise temperature and pressure controls, and easy-to-use interface, the autoclave guarantees reliable performance for both small-scale and high-volume sterilization tasks. Its rapid cycle times and safety features make it an indispensable tool in medical, pharmaceutical, and research laboratories where cleanliness and precision are essential.

SCALE

PRODUCT LS30

Technical Specifications	
Model Name	LS30
Type	Electronic Platform Scale
Capacity	30 kg
Readability	1 g (0.001 kg)
Accuracy	±0.1% of load (OIML Class III)
Platform Size	30 × 40 cm (stainless steel)
Display	5-digit LCD with backlight (IP65 rated)
Units	kg, g, lb, oz
Power	220V AC or 6×AA batteries (30h operation)
Interface	RS-232 (optional printer/PC connection)
Material	Stainless steel platform, ABS housing
Operating Temp.	0°C to 40°C
Dimensions	30 × 40 × 10 cm (W×D×H)
Weight	5.2 kg
Certifications	CE, OIML, RoHS

The 30 kg scale is a compact and accurate weighing solution ideal for laboratory, retail, and industrial applications. Built with a durable platform and advanced load cell technology, it provides fast, stable readings and reliable measurements for medium-weight items. The scale features an easy-to-read digital display and user-friendly controls, making it suitable for routine use in various environments. Its space-saving design, combined with precise performance, ensures efficient weighing and contributes to enhanced productivity in a wide range of sectors, from manufacturing to quality control

Operating Table (Surgical Instrument Table)

PRODUCT OTB2160

Technical Specifications	
Model Name	**OTB2160**
Type	Operating Table (Surgical Instrument Table)
Material	304 grade stainless steel
Wheels	6 wheels (2 with brake)
Surface	Flat stainless steel top, easy to clean
Dimensions (W×L×H)	450 × 1700 × 900 mm
Weight	~45 kg
Load Capacity	200 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY OTB2160 Operating Table is designed for surgical environments, providing a durable and hygienic surface for medical procedures. Constructed from 304 stainless steel, it ensures long-term resistance to corrosion and easy cleaning. Its six-wheel base (two with brakes) allows for safe and stable positioning in the operating room. With a load capacity of 200 kg, it supports a wide range of surgical instruments and setups. Compact yet robust, the OTB2160 offers both mobility and stability, making it an essential component in modern operating theatres.

Medical Step Stool

PRODUCT MEB4051

Technical Specifications	
Model Name	MEB4051
Type	Medical Step Stool (Double Step)
Material	304 grade stainless steel
Steps	2 steps (non-slip surface)
Mobility	Fixed (no wheels)
Dimensions (W×L×H)	500 × 500 × 400 mm
Weight	~10 kg
Load Capacity	150 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MEB4051 Medical Step Stool is designed to provide safe and stable access to elevated areas in clinical and surgical environments. Manufactured from 304 stainless steel, it offers durability and resistance to corrosion. Its double-step, non-slip surface ensures user safety, while the compact structure makes it ideal for operating rooms and clinical settings. With a 150 kg load capacity, the MEB4051 is a reliable accessory for enhancing accessibility in hospitals and laboratories.

Mobile Stainless Steel Work Table

PRODUCT MCS1044

Technical Specifications	
Model Name	MCS1044
Type	Mobile Stainless Steel Work Table
Material	304 grade stainless steel
Mobility	4 wheels (2 with brake), push–pull handle
Surface	Flat stainless steel, hygienic & easy to clean
Dimensions (W×L×H)	600 × 860 × 900 mm
Weight	~25 kg
Load Capacity	200 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MCS1044 Mobile Stainless Steel Work Table is designed for use in hospitals, laboratories, and sterile environments where mobility and hygiene are essential. Constructed from 304 stainless steel, it provides a durable, corrosion-resistant working surface. The four-wheel design, with two lockable wheels and a push–pull handle, allows for easy maneuverability and stability during procedures. With a 200 kg load capacity, this work table is a versatile and essential addition to clinical and laboratory settings.

Single Surgical Hand Wash Unit

PRODUCT MEY1010

Technical Specifications	
Model Name	MEY1010
Type	Single Surgical Hand Wash Unit
Material	304 grade stainless steel
Control System	Knee-controlled and/or sensor (infrared)
Options	Thermostatic valve, digital water flow timer
Feet	Adjustable stainless steel legs
Mounting	Optional wall-mount brackets
Dimensions (W×L×H)	800 × 650 × 1200 mm
Weight	~40 kg
Power Supply	220V (for sensor models)
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MEY1010 Single Surgical Hand Wash Unit is specifically designed for operating theatres, ICUs, dialysis units, and laboratories requiring high levels of hygiene. Made from 304 stainless steel, it ensures maximum durability and ease of cleaning. The unit can be equipped with knee-operated and/or sensor-based controls to enable hands-free operation. Optional features include a thermostatic valve for water temperature control and a digital timer for precise water flow monitoring. With its robust construction and adjustable feet, MEY1010 guarantees reliability and compliance with modern medical facility standards.

Emergency Dressing Cart

PRODUCT MPA7505

Technical Specifications	
Model Name	MPA7505
Type	Emergency Dressing Cart
Material	304 grade stainless steel
Mobility	4 wheels (2 with brake)
Accessories	Removable stainless steel bowl, pedal-operated waste bin
Surface	Flat stainless steel, easy to disinfect
Dimensions (W×L×H)	550 × 860 × 900 mm
Weight	~30 kg
Load Capacity	100 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MPA7505 Emergency Dressing Cart is designed to support rapid medical interventions in hospitals, clinics, and operating rooms. Built from 304 stainless steel, it provides long-lasting durability and high resistance against corrosion. Equipped with a removable stainless steel bowl and a pedal-operated waste bin, it offers functionality and hygiene for wound dressing procedures. The 4-wheel design, with two wheels lockable, ensures mobility and stability during use. Compact yet versatile, the MPA7505 is an essential tool for sterile medical environments.

Emergency Crash Cart

PRODUCT MCA6440

Technical Specifications	
Model Name	MCA6440
Type	Emergency Crash Cart
Material	ABS plastic top panel, stainless steel body
Drawers	5 removable plastic drawers with dividers, lockable
Accessories	Defibrillator shelf (adjustable), IV pole, CPR board, oxygen cylinder holder, waste bin, side basket
Mobility	4 wheels (2 with brake)
Dimensions (W×L×H)	640 × 620 × 940 mm
Weight	~55 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MCA6440 Emergency Crash Cart is engineered for emergency and critical care settings, offering quick access to essential medical equipment and supplies. Constructed with a stainless steel body and an ABS top panel, it ensures both durability and easy cleaning. The cart includes 5 removable drawers with divider options, providing organized storage for emergency drugs and tools. Integrated accessories such as an adjustable defibrillator shelf, IV pole, CPR board, oxygen cylinder holder, and waste bin make it a comprehensive solution for life-saving interventions. With 4 heavy-duty wheels (two lockable), MCA6440 delivers both stability and mobility in fast-paced hospital environments.

Examination Table

PRODUCT EMT1002

Technical Specifications	
Model Name	EMT1002
Type	Examination Table
Material	Powder-coated steel frame, upholstered with vinyl-covered foam
Backrest	Manually adjustable back section
Surface	Easy-to-clean, disinfectant-resistant
Mobility	Fixed (no wheels)
Dimensions (W×L×H)	~600 × 1800 × 800 mm
Weight	~45 kg
Load Capacity	200 kg

The INFINITY EMT1002 Examination Table is a robust and ergonomic solution for clinical examinations and outpatient procedures. Constructed with a steel frame and a vinyl-covered foam top, it ensures patient comfort while maintaining hygiene standards. The backrest is manually adjustable, allowing flexibility for different procedures. Its fixed structure provides maximum stability during examinations. Designed for durability and ease of maintenance, the EMT1002 is an essential piece of equipment for hospitals, clinics, and private practices.

Narcotic Storage Cabinet

PRODUCT NSC2000

Technical Specifications	
Model Name	NSC2000
Type	Narcotic Storage Cabinet (Stainless Steel)
Material	304 grade stainless steel
Security	Dual locking system (mechanical key and/or electronic)
Structure	Single or double door options, internal shelving
Mounting	Wall-mountable or free-standing
Dimensions (W×L×H)	Custom sizes available
Weight	~50 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY NSC2000 Narcotic Storage Cabinet is specifically designed for the secure storage of controlled substances in hospitals, pharmacies, and clinics. Built from 304 stainless steel, it ensures durability, hygiene, and long-lasting performance. The cabinet is equipped with a dual locking system to provide maximum security. Its internal shelving system allows organized storage, while the option of wall-mount or free-standing installation offers flexibility for different facility layouts. With its robust structure and compliance with medical facility standards, the NSC2000 provides a reliable solution for safeguarding narcotics and high-risk medications.

Painted Metal Narcotic Cabinet

PRODUCT MND4444

Technical Specifications	
Model Name	MND4444
Type	Painted Metal Narcotic Cabinet
Material	Electrostatic powder-coated metal
Security	Dual lock system (two separate keys)
Structure	Double-compartment, double-door, ventilated design
Mounting	Wall-mountable
Dimensions (W×L×H)	700 × 200 × 500 mm
Weight	~35 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MND4444 Painted Metal Narcotic Cabinet is designed to securely store controlled substances and high-risk medications in clinical and hospital environments. Made from electrostatic powder-coated steel, it provides strength, corrosion resistance, and a hygienic surface. Its double-compartment and ventilated structure ensures safe and organized storage, while the dual lock system enhances security against unauthorized access. Compact and wall-mountable, the MND4444 is a practical solution for healthcare facilities requiring compliance with safety regulations.

Cap & Mask Organizer Cabinet

PRODUCT KBM24405

Technical Specifications	
Model Name	KBM24405
Type	Cap & Mask Organizer Cabinet
Material	304 grade stainless steel
Compartments	6 separate sections, front barrier system
Drawer System	Semi-opening vertical drawer
Feet	4 stainless steel adjustable feet
Dimensions (W×L×H)	430 × 660 × 1560 mm
Weight	~45 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY KBM24405 Cap & Mask Organizer Cabinet is designed for sterile hospital and clinic entrances, ensuring hygienic and organized distribution of caps, masks, and other disposable accessories. Made of 304 stainless steel, it is durable, easy to clean, and resistant to corrosion. Its six-compartment system with a front barrier allows efficient organization, while the semi-opening vertical drawer design ensures ergonomic use. With its compact size and stable structure, the KBM24405 improves workflow in sterile environments by keeping essential protective equipment easily accessible.

Operating Room Cabinet

PRODUCT MAD2090

Technical Specifications	
Model Name	MAD2090
Type	Operating Room Cabinet
Material	304 grade stainless steel
Upper Section	Glass double doors with lock, 2 adjustable shelves
Lower Section	2 drawers + 2-door cabinet
Feet	Adjustable stainless steel legs
Dimensions (W×L×H)	450 × 900 × 1800 mm
Weight	~70 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MAD2090 Operating Room Cabinet is specifically designed for surgical and clinical environments requiring safe storage of medical instruments and sterile supplies. Constructed with 304 stainless steel, it ensures long-term durability and resistance against corrosion. The upper section features lockable glass doors with adjustable shelves for visibility and organization, while the lower section provides additional storage with two drawers and a double-door cabinet. With its hygienic design and adjustable legs, the MAD2090 is a reliable storage solution for modern operating theatres.

Anesthesia Cart

PRODUCT MCA6450

Technical Specifications	
Model Name	MCA6450
Type	Anesthesia Cart
Material	ABS top panel, stainless steel body
Drawers	5 removable drawers with dividers
Upper Section	Adjustable tilting medicine boxes
Accessories	Side basket, waste bin
Mobility	4 wheels (2 with brake)
Dimensions (W×L×H)	640 × 620 × 940 mm
Weight	~55 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MCA6450 Anesthesia Cart is designed for operating theatres and clinical environments, providing safe and organized storage of anesthesia medications and equipment. Built with a stainless steel body and ABS top panel, it combines durability with hygiene. The 5 removable drawers allow flexible organization, while the adjustable tilting medicine boxes provide quick access to drugs during procedures. With side-mounted accessories (basket and waste bin) and four heavy-duty wheels (two lockable), the MCA6450 ensures stability, mobility, and functionality in critical settings.

Medical Waste Collection Cart

PRODUCT MTA2150

Technical Specifications	
Model Name	MTA2150
Type	Medical Waste Collection Cart
Material	304 grade stainless steel
Mobility	4 wheels (2 with brake)
Lid	Hinged stainless steel lid
Extra Feature	Drain valve for safe emptying
Dimensions (W×L×H)	630 × 1300 × 1020 mm
Weight	~65 kg
Capacity	~120 L
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MTA2150 Medical Waste Collection Cart is designed for hospitals, clinics, and laboratories to ensure the safe handling and transport of medical waste. Constructed from 304 stainless steel, it provides durability and resistance to contamination. The hinged lid minimizes exposure risks, while the integrated drain valve allows for safe and hygienic emptying. Equipped with four wheels (two lockable), the cart ensures smooth mobility and stability. With its robust structure, the MTA2150 enhances infection control and safety in healthcare facilities.

Slipper Storage Cart

PRODUCT MTA5000

Technical Specifications	
Model Name	MTA5000
Type	Slipper Storage & Serving Cart
Material	304 grade stainless steel
Shelves	6-tier rack system
Capacity	24 pairs of slippers
Mobility	4 wheels (2 with brake)
Dimensions (W×L×H)	480 × 960 × 1800 mm
Weight	~55 kg
Certifications	CE, ISO 9001, GMP-compliant

The INFINITY MTA5000 Slipper Storage Cart is designed for sterile areas in hospitals and clinics, providing hygienic and organized storage of slippers for staff and visitors. Constructed from 304 stainless steel, it is highly durable, corrosion-resistant, and easy to clean. Its six-tier shelf system accommodates up to 24 pairs of slippers, ensuring efficient organization. The four-wheel design with two brakes provides safe and smooth mobility, making the MTA5000 a practical and hygienic solution for healthcare facilities.

Dirty Laundry Collection Cart

PRODUCT MKA4400

Technical Specifications	
Model Name	MKA4400
Type	Dirty Laundry Collection Cart
Material	304 grade stainless steel
Bag	Removable, washable canvas laundry bag with support frame
Mobility	4 wheels (2 with brake)
Dimensions (W×L×H)	600 × 950 × 850 mm
Weight	~40 kg
Capacity	~100 L
Certifications	CE, ISO 9001, GMP-compliant

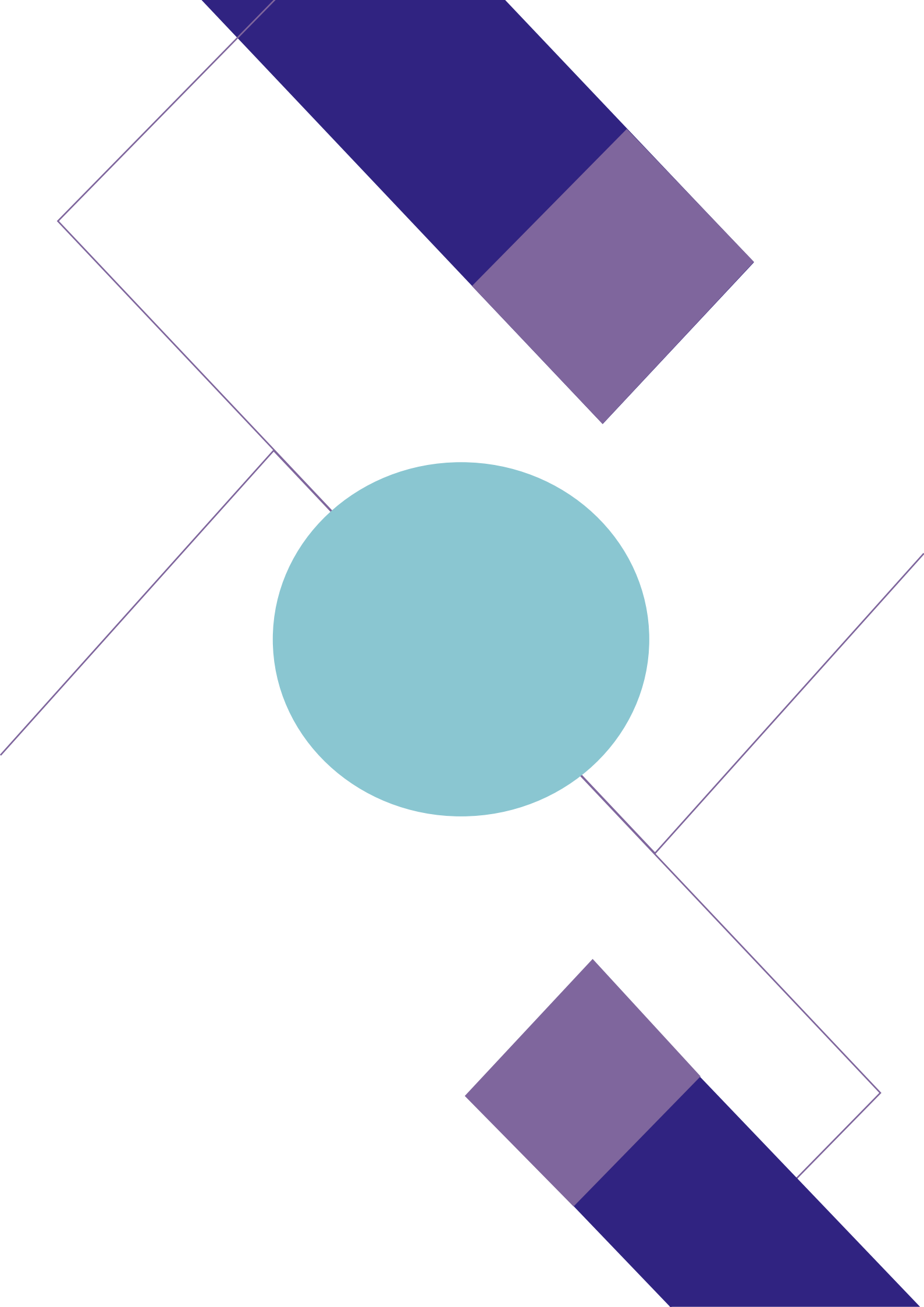
The INFINITY MKA4400 Dirty Laundry Collection Cart is designed for clinical, surgical, and hospital use, ensuring hygienic collection and transport of soiled linens. Built from 304 stainless steel, it provides excellent durability and corrosion resistance. The removable canvas laundry bag allows easy emptying and cleaning, while the four-wheel design with two brakes ensures mobility and safety. Compact yet robust, the MKA4400 is an essential tool for maintaining hygiene in hospitals, sterilization units, and morgues.

Sterile Container Transport Cart

PRODUCT MSKT1200

Technical Specifications	
Model Name	MSKT1200
Type	Sterile Container Transport Cart
Material	304 grade stainless steel
Doors	Double-wall, gasketed, 270° opening
Shelves	Adjustable stainless steel shelves, optional container racks
Capacity	9 sterile containers
Mobility	4 wheels (2 with brake)
Dimensions (W×L×H)	1260 × 680 × 1280 mm
Weight	~85 kg

The INFINITY MSKT1200 Sterile Container Transport Cart is designed for CSSD, operating rooms, and sterile storage units, ensuring safe and contamination-free transportation of sterile containers. Built with 304 stainless steel, it offers long-term durability and resistance against corrosion. The double-wall doors with sealing gaskets provide air-tight protection, while the adjustable shelves allow flexible organization. With a 9-container capacity and four heavy-duty wheels (two lockable), the MSKT1200 guarantees both mobility and safety. It is an indispensable solution for maintaining sterility in hospitals and surgical facilities.



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