ALLEVA
MEDICAL

vide® See the Better

Maxson®

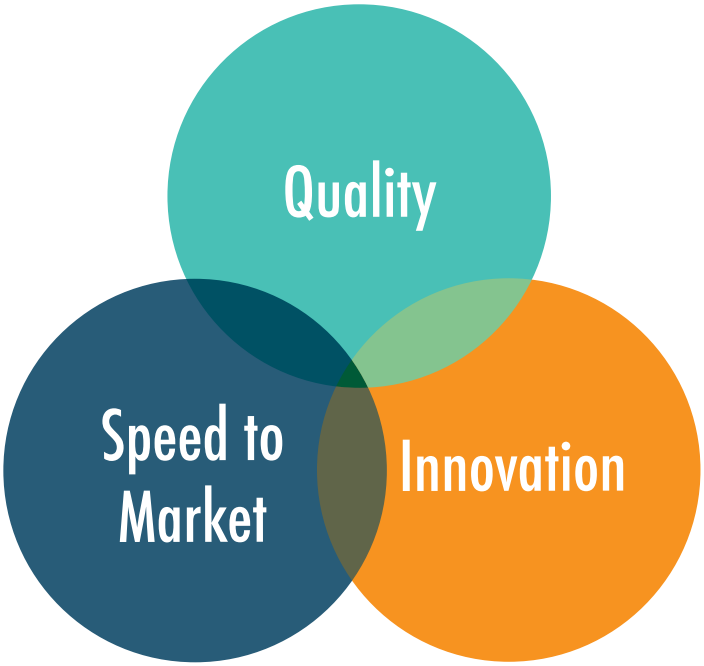
extriCARE®

About Alleva Medical

Alleva Medical, formerly known as Medu-Scientific Ltd, is a comprehensive designer, developer and manufacturer of hospital disposable products and electronic therapeutic devices. Since our founding, our team has accumulated vast experience in providing product development and manufacturing services to the medical and healthcare industries. A vertically-integrated operation capable of managing turn-key product development and complex manufacturing logistics enables our valued clients to offer their products in a reliable, cost-effective and timely manner.

Our relentless commitment to **quality, speed to market and innovation** forms the basis of our daily work and long-term strategy. Whether it is developing our specialty drainage-related medical devices or managing contract manufacturing projects, we are devoted to performing our work in the highest quality and the most resourceful way.

Inspired to alleviate patient's sufferings and symptoms, our progressive product offerings focus on medical drainage related device. Our products are developed with users in mind – we strive to build medical devices that have intuitive, simple user requirements so user error or confusion can be eliminated.



Improving Care with Reliable Products

At Alleva, we take the quality of our medical products seriously. Our product development work is governed by a thorough quality management system and all our products are the result of rigorous design and careful, controlled reliability testing. Understanding the healthcare setting in which our product is used is the core driving force of our improvement.

Our facility and process are designed to meet international quality standards in the USA, Europe, Japan and China. We are registered with CE, the FDA and the NMPA. We are also certified in ISO 13485 and ISO 9001. We do not just make products, we insist on making the product the right way. For us, product reliability is not a wishful pursuit, but an ingrained obligation.

FDA NMPA CE ETL CLASSIFIED Intertek Intertek

Our Products

Focusing on linking clinical needs with reliable and innovative manufacturing, Alleva Medical strives to provide the medical profession with cost-effective, ergonomical, and value-adding products. Globally, our products are relied upon by practitioners to deliver better quality healthcare. To date, Alleva Medical has developed a wide gamut of proprietary products and hospital supplies.

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Clinical Areas

Alleva Medical has selectively focused our product catalog into several major clinical areas. A predominant number of areas is relating to medical drainage – NPWT, thoracic drainage, surgical suction – leveraging our familiarity with internationally-accepted standards and engineering knowledge. At the same time, we also provide consumable products that assists everyday clinical operation:

Negative Pressure Wound Therapy

Introducing the **extriCARE®** negative pressure wound therapy line to our family, we offer two mobile pump units with a wide variety of fitted dressings and foam kits. All our **extriCARE®** products are FDA and CE - approved. Simplicity and ease-of-use are what our customers value in our **extriCARE®** products.

Thoracic Drainage

The choice of use for a chest drain could affect patient outcome, a fact that is often overlooked. We saw an opportunity to improve on current drains in the market and the results are two attractive chest drains – an underwater seal drain and a completely dry drain. Through careful marketing and clinical research, we designed our drains to provide maximum safety for patient and user.

Suction Device and Fluid Waste Management

Assisting medical professions in managing fluid waste during medical procedures and alleviating patients from everyday aspiration difficulties, our product line-up comprises of Portable Suction Devices, Receptacle Canisters, Suction Liners, Solidifiers and a wide range of accessories.

Sharps Management System

Medical professions should never be exposed to unnecessary risk of needle injury. We offer a variety of different sizes of BS7320/ASTM-compliant sharp containers that help reduce this risk.

Feeding Care and Nutritional Therapy

From neonatal feeding to nutritional therapy for the disabled, we offer a series of accessories, such as Feeding Bags, Oral Syringes, and Feeding Tubes, that facilitate the feeding process.

Hospital Consumables

Personal protective equipment, specimen containers, incontinence apparatus – items that may not receive a lot of clinical attention but are essential to the daily operation of a successful healthcare institution. We offer cost-effective products in these areas that would help drive cost down.

ODM / OEM Product and Services

With its wholly-owned production facilities, decades of manufacturing experience, and a great team of mechanical and electrical engineers, Alleva Medical boosts a comprehensive range of development and manufacturing capabilities that are ideal for a contract manufacturing partner. What sets us apart from other OEM service is that **we understand the clinical values** of your product. In understanding how your product will be used, we will work collaboratively to help refining your concept.

Creating a trusting partnership. Alleva Medical has always treated ***Intellectual Property*** with the utmost amount of care and respect. Your ideas will remain to be yours. Our interest is to help our clients realize their products and we have gained trust from our current clients with the way we handle intellectual property.

Selected Clinical Areas where We Have Served as an ODM / OEM Partner:
- Anesthesiology and Intubation
- Breast Pumps and Feeding Accessories
- Muscle and Skeletal Rehabilitation Therapy (TENS)
- Pneumatic Compression Therapy

Redefining the "D" in ODM: Design and Development

Product Design & Prototyping

Our product design group are well versed in Solid Works, Pro-E and Autocad design software. With our knowledge in plastics and material science, we are apt in providing consultation on material selection that optimizes the performance of your product. In addition, we also house an electronics design group that are well experienced in medical electronics design. Both mechanical and electronics group offer an in-house rapid-prototype service – a product idea can easily be tested before any tooling investment is made.

Tooling Fabrication & Qualification

Our tooling shop is equipped with state-of-the-art EDM and wire-cut machines capable of cutting steel with precision up to 0.01mm. We can build tool that can reach SPI Class 101. Once a tool is completed, our own coordinate measurement system will be used intensively to verify the accuracy of the dimensions.

Software Development & Validation

The quality of the software development could often make or break a device regulatory filing. Our software engineering team follows strictly IEC62304 standards to develop our embedded software. We offer services to our customers to define software requirements, assess risk levels, and execute validation protocols.

Test Method Development and Verification

Reliability is the key to successful subsequent manufacturing. At Alleva, we place a heavy emphasis on defining and executing the proper test method as reflected by our investments into sophisticated testing equipment. Employing statistical method to validate all our testing and production fixture helps us eliminate uncertainty during mass production.

Packaging Validation

An oft-overlooked aspect, packaging integrity has huge implications on the reliability of medical device. Our development team is familiar with ISO11607 and other packaging standards so we can provide instant suggestion for optimal packaging.

Sterilization Validation

For products requirement sterilization, we help our customers to undertake the necessary EtO sterilization validation, carried out according to ISO11135 standards.

The “M” in OEM: Making Your Products

Whether it is an Alleva Medical–Branded product or an OEM project, manufacturing is performed in our facility according to ISO13485 and US FDA CFR Title 21 requirements.

Plastic Injection Molding and Processing – One of the strongest fortes of Alleva Medical is our range of plastic molding machines. Our current line-up of injection molding machines range from 10 to 1300 tons, served with central feeding system and desiccant dryer for processing moisture sensitive resins. In addition, we also house a number of blow molding and soft tube extrusion machines. Once parts are molded, jointing could be done with one of our high-frequency or ultrasonic machines.

Electronics Assembly – All our SMT, IC-bonding, and PCB assembly are performed under a controlled environment that complies with IPC-A-610 Class 2 standards. Our Automatic Optical Inspection (AOI) machine is used to initially detect missing components or soldering defects, before the PCB board is subjected to further verification testing.

Optics – Our expertise in glass and plastic optical items spans from tooling to mass production. We have an in-house lineup of grinding, polishing and coating machines for clients looking for manufacturing of biomedical optics.

Metal Fabrication – Our metal divisions are skilled in metal stamping, welding and roll forms. We also house automatic lathes machine for precision parts.

Clean Room Injection Molding and Assembly – Injection molding and entire product assembly are possible in our ISO Class 8 cleanroom. Our microbiology lab performs regular bioburden monitor on the cleanroom – so that initial product sterility can be assured.

Product Finishing – Product outlook is as vital as functionality in today’s ultracompetitive market. Our in-house decoration capabilities consist of: In-Mold Labeling, Electrostatic Powder Spraying, Metallic / Hand Spraying, Silk / Pad / Rotation Stamp Printing, 2-Shot Injection, Over-Molding, Heat / Water Transfer Labeling.

Traceability – In our world of medical device manufacturing, traceability of raw materials, semi-finished components and finished products is paramount. We achieve this through batch lot recording, serial number imprinted to components (eg PCB), and in-line UDI barcoding generation. From a lot or serial number of the finished product, we can trace all the way back to raw material source.

Sterilization – EtO and Gamma sterilization services are possible with our contract manufacturing services.

CONTENTS

All products are manufactured under US FDA, ISO 13485, and Japan PMDA registered facility of Alleva Medical Ltd.
Alleva Medical USA LLC, Suite 205, 2460 General Armistead Avenue, Norristown, PA 19403

All dimensions, weights, colours and contents may vary.

extriCARE®

Negative Pressure Wound Therapy

Negative Pressure Wound Therapy System

extriCARE® 2400

Negative Pressure Wound Therapy System

Product Overview

The **extriCARE® 2400** pump is a lightweight, portable, battery-powered negative pressure wound therapy pump.

This device, used in conjunction with our anatomically fitted line of wound dressings, may promote wound heaing through the drainage and removal of wound exudates linfectious material, and tissue debris from the wound bed using continuous and/or intermittent negative pressure.

Features and Benefits:

- **Effective:** Powerful negative pressure, may promote faster wound healing
- **Reliable:** Rechargeable battery, 30 hours of continuous battery life with a full charge
- **Safe:** Airtight, disposable canisters that come in two sizes, gelling agent solidifies wound exudates

Device Specifications:

Product Code:	EC2400 (MI397)
Weight:	8.6 oz.
Battery Type:	Lithium (rechargeable)
Vacuum Modes:	Continuous or intermittent
Charging Time:	< 3.5 hours
Dimensions:	Length: 3.35" (8.5 cm) Height: 5.67" (14.4 cm) Width: 1.46" (3.7 cm)
Input:	100-240 V 50/60 Hz 0.4 A

extriCARE® 3000

Negative Pressure Wound Therapy System

Product Overview

Completely designed with the purpose of improving performance and usability, the **extriCARE® 3000** pump is a versatile pump intended for a wide range of wound applications.

A large color LCD screen in the front provides a simple user interface and clear indications on the pump status. Using a proprietary algorithm, the **extriCARE 3000®** pump has the ability to store exudate collection time and usage data – a first in the extriCARE family. Lightweight and quiet, the pump can be fitted with 100cc and 400cc pre-gelled collection canister.

Features and Benefits:

- **Versatile:** A powerful yet light-weight pump allows for using on a wide variety of wound conditions, while the long battery life allows for extensive ambulatory use.
- **Intelligent:** Proprietary algorithm track data usage and exudate level, and provides intelligent pressure adjustment and sensing.
- **Safe:** Built-in sensor alerts users of air leakage on the wound dressing and other suboptimal issues.

Device Specifications:

Product Code:	EC3000 (MI391)
Weight:	1.37 lbs (0.62 kg)
Battery Type:	Lithium (rechargeable)
Vacuum Range:	20-140 mmHg
Vacuum Modes:	Continuous or intermittent
Pressure Range:	20-140 mmHg
Charging Time:	<4.5 hours
Dimensions:	Length: 4.0" (10.2cm) Depth: 3.1" (7.9cm) Height: 5.0" (12.7cm)
Input:	100-240 V 50/60 Hz 0.8 A

Negative Pressure Wound Therapy System

extriCARE® 3600

Negative Pressure Wound Therapy System

Product Overview

The **extriCARE® 3600** Negative Pressure Wound Therapy (NPWT) device is a portable, battery powered pump designed for use in hospitals, wound care centers, and other medical facilities.

The **extriCARE® 3600**, used in conjunction with our anatomically fitted line of wound dressings, may promote wound healing through the drainage and removal of wound exudates, infectious material, and tissue debris from the wound bed using continuous and/or intermittent negative pressure.

Features and Benefits:

- **Versatile:** High-capacity, high flow pump, offers maximum care.
- **Powerful** Long lasting rechargeable battery may last for up to 24 hours of treatment.
- **Easy to Use:** Simple operation and user friendly interface.

Device Specifications:

Product Code:	EC 3600 (MI390)
Weight:	2.87 lbs (1.3kg)
Battery Type:	Lithium (rechargeable)
Vacuum Modes:	Continuous or intermittent
Pressure Range:	40-200 mmHg
Charging Time:	< 5 hours
Dimensions:	Length: 6.7" (17cm) Height: 5.1" (13cm) Depth: 4.3" (11cm)
Input:	100-240 V 50/60 Hz 1.5 A

extriCARE® Dressings

Dressings Overview

extriCARE® offers two types of wound dressing type – silicone dressing and polyurethane dressing. Designed specifically for closed incision wounds, the silicone dressings offer supreme comfort and breathability. The polyurethane dressings feature a non-adhesive contact layer which can be applied on the wound bed. Each dressing kit is provided with clear transparent drape to create additional seal.

For deep and chronic wounds, **extriCARE®** provides two sizes of foam dressing with high porosity and absorption power. Each kit are provided with two large adhesive films, connecting tubing and a suction bell – suitable for a wide variety of deep and large wounds.

Features and Benefits:

- **Versatile:** Avaliable is many sizes, can be used with all **extriCARE®** pumps.
- **Simple:** Easy to use, quick application
- **Effective:** Creates a tight seal, important for creating negative pressure for treatment of wounds.

extriCARE Incision Management Silicone Dressing

EC2400-IM1121-S (ST398)	EC2400-IM1131-S (ST399)	EC2400-IM1621-S (ST400)	EC2400-S-S (ST402)
			
Rectangular	Rectangular	Rectangular	Sacrum
11.5 x 21.5 cm	12.5 x 31.5 cm	15.9 x 20.9 cm	22.5 x 24.5 cm

extriCARE Bandages

EC2400-IM (ST394)	EC2400-LO (ST392)	EC2400-SO (ST391)	EC2400-MN (ST390)
			
Extra Large Oval	Large Oval	Small Oval	Mini Oval
11.5 x 21.5 cm	19 x 27 cm	10 x 8 cm	6 x 5 cm

extriCARE Foam

EC-FOAM-L (ST397)	EC-FOAM-S (ST396)
	
Large Foam Dressing	Small Foam Dressing
25 x 16 cm	10 x 7.5 cm

Carrying Case for extriCARE 2400, extriCARE 3000 and extriCARE 3600:

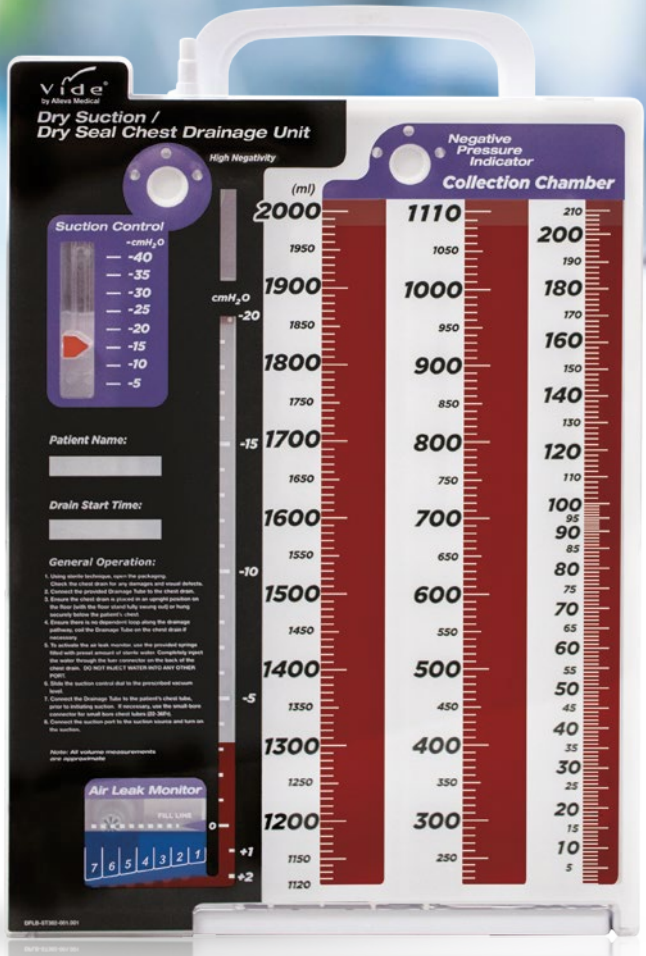
Accessories

HC060-0001	HC059-0001	HC065-0001	HC066-0001	HC061-0001	HC062-0001
					
Carrying Case for 2400 pump w/ 100cc canister	Carrying Case for 2400 pump w/ 400cc canister	Carrying Case for 3000 pump w/ 100cc canister	Carrying Case for 3000 pump w/ 400cc canister	Carrying Case for 3600 pump w/ 400cc canister	Carrying Case for 3600 pump w/ 1000cc canister

			2400	3000	3600
					
Connector Tubing	Silicone Gel Strips	Rail Clamp	0.5V/1.5A AC/DC Adaptor with US Plug	12V/2A AC/DC Adaptor with US Plug	15V/4A AC/DC Adaptor with US Plug

Vide®
See the Better

Chest Drainage



Dry Seal Chest Drainage Unit

Product Code: CDD100

Vide®'s Dry Seal is a 2000mL sterile disposable three-chamber system that offers the reliability of a traditional water seal drain and the convenience of a water-less operation. With a proprietary dry suction control technology, suction can be adjusted easily and precisely with one hand. Featuring needleless sampling port and relief valves, the dry seal drain is built entirely with patient safely and ergonomics in mind.

Indications for use: pneumothorax, hemothorax, mediastinal shift and malignant effusions.

Intuitive Sliding Suction Control panel - no need for finding and filling sterile water!

7-Scale Air Leak Monitor for more precise air leak quantification

Y-Shape Sampling Port with self-sampling needless feature, allowing access to fresh blood samples

Suction and Negative Pressure Indicators allow easy visualization of the status of the unit

Low Positive Pressure Relief Valve release automatically at 2cmH_2O

Negative Pressure Relief Valve release automatically during prolonged episode of negative intrapleural pressue

Knock-over nozzle to ensure function is retained even after unit is accidentally knocked over

Vide®'s Calibrated Dry Suction Chest Drain can maintain consistent suction control at varying negative pressure or flow rate from the source

8-Discrete Suction Levels with Suction Control Indicator 5cmH_2O to 40cmH_2O

Three-Chamber Water Seal Chest Drain

Product Code: ST380

Vide®'s Water Seal Chest Drainage Unit is a 2,000ml sterile disposable three-chamber chest drain. It is designed as a single collection unit used to remove air and fluid from a patient's intrapleural cavity, as a result of pneumothorax, hemothorax, mediastinal shift or other complications that affect the normal breathing resulting from a loss in intrapleural negative pressure.

Safe • Impact Resistant • Patient Protection The ST380 chest drain can be used as a gravity drain or wirh a vacuum source.

Features and Benefits:

Self Sealing Sampling Port (C)

Direct and fresh sample extraction by 24Ga needle/syringe through self-sealing port.

Reliable 3-Column Collection Chambers

- 1ml increments up to 100ml
- 2ml increments up to 220ml
- 10ml increments up to 2000ml
- Patient Name and Time can be recorded directly on the unit

Diagnostics with Air Leak Monitor (Water Seal B)

- Visual detection and bubble size chamber to access patient's air leak trends
- Sterile water level adjustment as required with self sealing port

Suction Control (A)

Allows for a maximum 20cmH_2O suction. Water level adjustable throught self-sealing port.

Patients Safety Is Our Priority

Safety Features on Vide® Chest Drain

✔ **Low Positive Pressure Relief Valve** opens automatically at 4cm H_2O

✔ **High Negativity Relief Valve** permits manual venting of high negative pressure, offering maximum patient safety.

✔ Kink Free Tubing Design

✔ Tube Management

✔ Bed Side Hanger

✔ Graduated Cup

✔ Control Valve

✔ Floor Stand

Three-Chamber Water Seal Chest Drain

SAFE

Easy to Read Front Panel
ISO 10079-3 Compliant

IMPACT RESISTANT

Sturdy Construction With Hanger and Basket
Size: 24.5*36.0*6.0cm

PATIENT PROTECTION

Automatic Release Valves for both Positive & Negative Pressure
Manual Release Valve Override

Accessories

HC063-0001	HC063-0002	ST380-1031
		
Chest Drain Basket with Clamp & Steel Hanger	Chest Drain Basket with Clamp	Small-bore Adaptor (22-26 Fr)

Electrical Suction Units

Features and Benefits:

99.9% Filtration Efficiency Filter –

Reliable, No cross-contamination and give you 100% confidence. Superb protection to both the patient and the healthcare practitioner.
*Tested by Nelson Laboratories Inc.

Small / Handy –

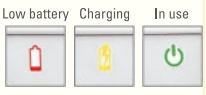
Increase the mobility and accessibility for your needs. Light weight but everything is equipped.

Back Compartment –

Spare accessories can be stored in the back compartment. Save trouble in storing and finding the accessories.

3 Indication Lights –

Shows the battery status with alarm in the last 5 minutes of battery capacity.



Pressure Zone –

A clear indication of pressure level according to ISO 10079-1:1999. Tune your own mode right away. Shorten the tuning process, speed up the treatment.

AC Input voltage range	100-240V AC
Operating frequency	50/60Hz
Input current	2.0A
Output power	60W
DC Output Voltage Range	18±5%V
NiMH Battery Voltage	12V DC
NiMH Battery Capacity	2200mAh
Weight of Main Unit with batteries	~1.6kg
Noise	<65dB(A)
Filter Efficiency*	≥99.9%
Medical Applications	• Aspiration in Ear, Nose and Throat • Vet Surgeries
Who may need this?	• Emergency Room • Ambulance • Clinics • Vet Clinics • Home Patient • Elderly Home

Electrical Suction Units

		Item No. (with AC/DC)	Volume (ml)	Dimensions	Flow rate	Lowest negative pressure	Highest negative pressure	Packaging
Rigid Reusable		MI215-0004 / MI257 (AC only)	800	170x108x303 (mm)	20L/min	-50mmHg -6kPa	≤-600mmHg ≤-80kPa	4pcs/Carton; 0.077CBM
Autoclaveable		MI215-0007	1200					4pcs/Carton; 0.077CBM
Rigid Disposable		MI215-0005	800					-
		MI215-0006	1200					-
Disposable Liner		MI215-0003	1300					1pc/Carton; 0.077CBM

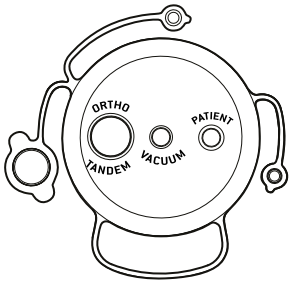
Accessories

MI232	MI055	MI056	MI151	S11-MI215-10490100	MI157	S11-MI215-0400	A14-MI215-0600
							
800mL Reusable Canister	800mL Rigid Suction Canister	1200mL Rigid Suction Canister	1200mL Autoclavable Canister	1300mL Suction Canister	1300mL Liner	Air Filter	High Flow Filter
1pc/Carton; 0.070CBM	48pc/Carton; 0.11CBM	48pc/Carton; 0.15CBM			50pcs/Carton; 0.139CBM		

S11-RM010-0022	S11-MI219-1009	S11-1183370-V001 (Europe)	S11-10183301-0S0	S11-MI215-70030000	S11-MI215-70040000		
							
Suction Tubing	Elbow Connector	Power Cord	Charger	Carrying Case	Carrying Case		
				(For MI215-0004/MI257)	(For MI215-0003/5/6/7)		

Suction Liners and Canisters

Bag Liners



99.9% Filtration Efficiency Filter

Reliable, No cross-contamination and give you 100% confidence. Superb protection to both the patient and the healthcare practicer.

*Tested by Nelson Laboratories Inc.

Secure port cap

Audible lock; withstand high pressure; absolutely safe

Color coded

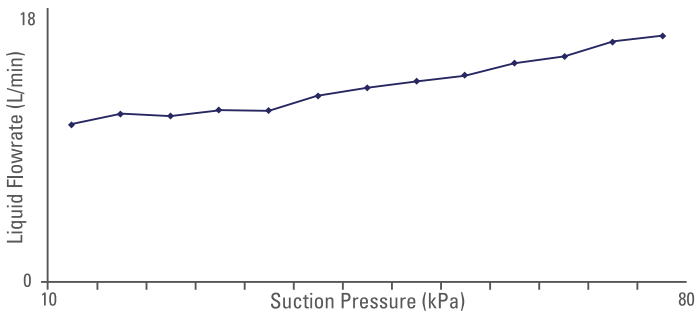
Avoid mismatching; enhancement of daily practice

1000ml 1500ml 2000ml 3000ml

Stable performance against pressure

capitalized linear performance against pressure; maximize the suction system performance

Viscous Liquid Flowrate Vs Suction Pressure

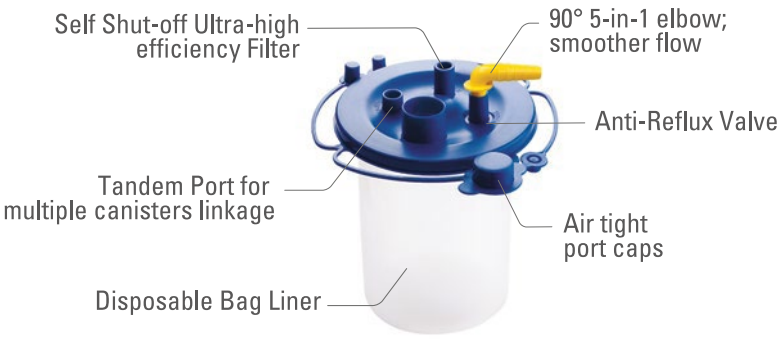


Suction Liners and Canisters

Liners

Medical Applications

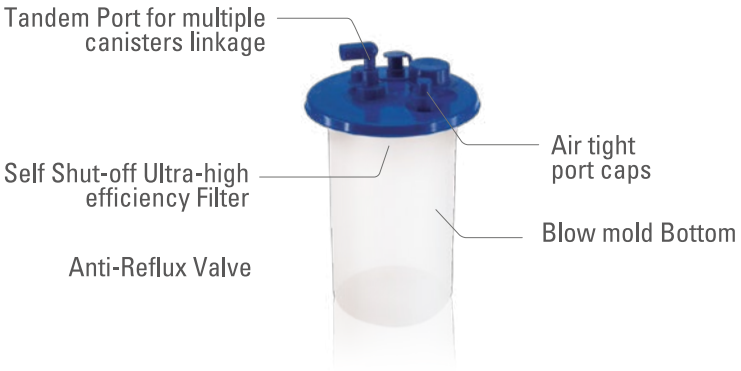
- Aspiration of Ear, Nose and Throat
- Endoscopy
- Liposuction
- Obstetrics
- Surgeries



Lid Liners

Medical Applications

- Aspiration of Ear, Nose and Throat
- Endoscopy
- Liposuction
- Obstetrics
- Surgeries



Rigid Suction Canisters

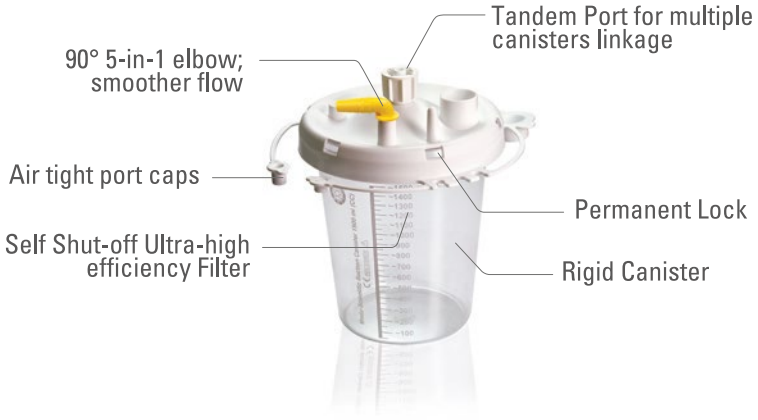
Medical Applications

MI055/ MI056

- Aspiration of Ear, Nose and Throat
- Wound Therapy

MI201/ MI202

- Aspiration of Ear, Nose and Throat



Why may need this?

- Emergency Room
- Ward
- Intensive Care Unit
- General Clinics
- Operating Theatre
- Dental Clinics

Connection Tube

ST258-0001

1.8m Connection Tube EO Sterile

50pcs/Carton
0.050CBM

ST258-0002

3.6m Connection Tube EO Sterile

50pcs/Carton
0.050CBM

MI168

Connection Tube

100pcs/Carton
0.051CBM

Solidifier

MI153-00020000

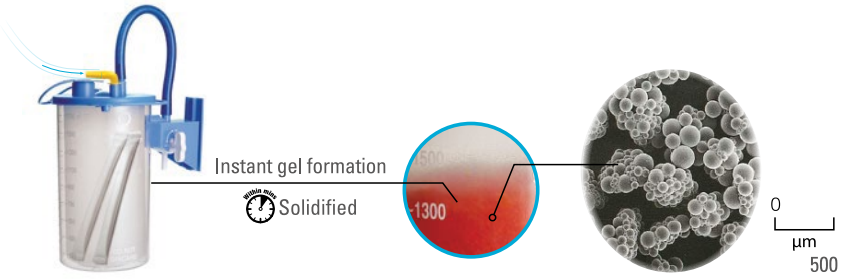
750pcs/Inner
4500pcs/Carton
0.025CBM
2g

MI153-00040000

10g

MI153-00010000

50pcs/Inner
400pcs/Carton
0.02CBM
20g



Water-soluble pouch

- Ready for immediate use
- Infection-free operation
- Super absorbance power
- Absorption Capacity 55g/g (0.9% NaCl aq.)
- Absorption Rate (H2O) <2mins

Suction Liners and Canisters Series Specification

			Item No.	Volume (ml)	Solidifier Pack (10g)	Material	Max. Diamter (mm)	Height (mm)	Packaging
Bag Liner Series		Bag Liners	MI285-0008	1000	-	HDPE/LDPE	140	210	50pcs/Carton
			MI286-0008	1500	-			230	50pcs/Carton
			MI287-0008	2000	-			250	50pcs/Carton
			MI288-0008	3000	-			370	50pcs/Carton
		Bag Liners with Solidifiers	MI285-0015	1000	20g	HDPE/LDPE	140	210	50pcs/Carton
			MI286-0015	1500	30g			230	50pcs/Carton
			MI287-0015	2000	40g			250	50pcs/Carton
			MI288-0015	3000	60g			370	50pcs/Carton
		Outer Canisters	MI129-0013	1000	-	Polycarbonate	135	165	20pcs/Carton
			MI358-0013	1500	-			182	20pcs/Carton
			MI301-0013	2000	-			230	20pcs/Carton
			MI302-0013	3000	-			330	12pcs/Carton
Liner Series		Liners	MI157-0016	1300	-	HDPE/LDPE	140	159	50pcs/Carton
			MI158-0016	1800	-			214.9	50pcs/Carton
			MI159-0016	3200	-			371.5	50pcs/Carton
		Outer Canisters	MI129-0015	1300	-	Polycarbonate	135	165	20pcs/Carton
			MI130-0015	1800	-			220	20pcs/Carton
			MI131-0015	3200	-			378	12pcs/Carton
Lid Liner Series		Detachable-Lid Liners	MI217	1000	-	HDPE / LDPE	135	170	-
			MI243	1500	-			215	-
			MI248	3000	-			375	-
Rigid Series		Canisters	MI055	800	-	Polycarbonate	177.2	139.7	48pcs/Carton
			MI056	1200	-			185	48pcs/Carton
			MI201	1500	-			174.5	48pcs/Carton
			MI202	1500	-			174.5	48pcs/Carton

Volume measurement ±10%

Accessories

Trolleys & Stands

MI177-0007	MI177-0002	HC013-0002	HC025-0002	HC007			
1pc/Carton; 0.070CBM (4X Canister) 	1pc/Carton; 0.070CBM 	1pc/Carton; 0.038CBM 	1pc/Carton 	1pc/Carton 			
Regulator w/ Metal Roller Stand	Metal Roller Stand	Metal Mini Stand	Tabletop Stand	Push Trolley			

Tubing & Connectors

HC005	ST258-0001	ST258-0002	HC033	ST001	MI168	S11-MI285-00020000	
50pc/Carton; 0.050CBM 	50pc/Carton; 0.050CBM 	50pc/Carton; 0.050CBM 			100pcs/Carton; 0.051CBM 		
Roller Stand Hose	1.8m Connection Tube EO Sterile	3.6m Connection Tube EO Sterile	Tandem Tube	Suction Catheter EO Sterile	Connection Tube	Elbow Connector	

Wall Mounts & Brackets

MI167	HC051	HC034-0001	HC034-0002	MI129-0012	MI358-0012	MI301-0012	MI302-0012
200pcs/Carton; 0.032CBM 		1/1.5/2L 	3L 				
Hanger Plate	Hanger Adaptor(SR)	Hanger Adaptor (AS)	Hanger Adaptor (AS)	1L Canister	1.5L Canister	2L Canister	3L Canister

Specialized Applications

MI153-00020000	MI153-00060000	HC026	MI291	MI359	MI361		
750pcs/Inner; 4500pcs/Carton; 0.025CBM 							
2g Solidifier	10g Solidifier	Specimen Collector	15L Suction Canister	300ml Measurement Cup	250ml Suction Canister		

Yankauer Suction Tube

MI303*/ST303**	MI305*/ST305**	MI306*/ST306**	MI307*/ST307**				
							
Square tip, suction control	Square tip, no control	Crown tip, suction control	Crown tip, no control				

***Non-sterile** ****Sterile**

ALLEVA MEDICAL

Intermittent Pneumatic Compression Device

Intermittent Pneumatic Compression Device RP100

Product Code: MI329

Alleva Medical's RP100 is a single-patient portable intermittent pneumatic compression (IPC) device designed to prevent the onset of deep vein thrombosis by stimulating blood flow and increasing venous flow velocity. Its portable and lightweight characteristics are especially ideal for home and community settings. Each RP100 unit is capable of delivering to the calf area 50mmHg of IPC pressure, a level that is clinically proven to improve hemodynamics in deep vein*. It is intended for individuals 21 years or older with high risks of venous thromboembolism (VTE) – individuals who are temporarily or permanent immobilized, undergoing long-distance travel, are post-surgery, older, cancer or obese.

Indications for Use:

- Aids the prevention of DVT onset
- Enhances blood circulation in lower extremities
- Diminishes post-operative pain and swelling
- Reducing wound healing time
- Aiding in the treatment of: stasis dermatitis, venous stasis ulcers, arterial and diabetic leg ulcers, chronic venous insufficiency and reduction of edema in lower limbs

Features and Benefits:

Meaningful Compression:
Providing IPC up to 50mmHg

Alert System:
Status Indicator light visible to user during use

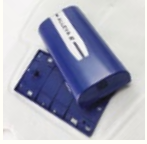
Ease of Use:
Position line and Left/Right text indicating area of pressure and ensures device is used properly

No Tubing:
No tubing to pump unit means patient can be ambulatory if s/he desires

Extended Battery Life:
16 hours without charging

Patient Compliance Tracker:**
Device can track usage up to 300 sessions

Conversion to a Multi-User Unit:
Removable pump body also allows limited reuse of the unit, lowering cost

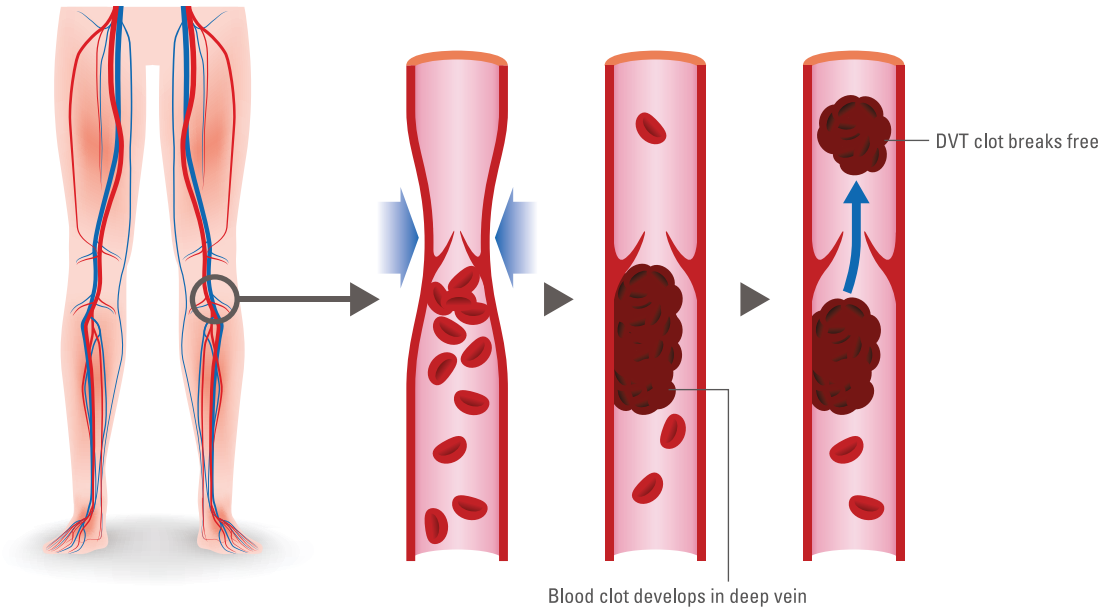


Pump dimension	13.5 x 7.2 x 3.4cm
Sleeve length	61 x 27cm
Battery type	Bespoke 3.7V Lithium battery
Operating time	16 hours
Charging time	~5 hours to full charge
Pre-set pressure level	50±5 mmHg
Inflation time	≤20 seconds
Rest period	50 seconds
IP class	IP22
US FDA	510k cleared (K191107)
Europe	CE certified

Product code	Product description	Packaging	SHIPMENT dimensions
MI329	RP100 DVT Prevention Unit	10 pairs per shipper	41 x 32 x 42 cm

Background on Deep Vein Thrombosis (DVT)

Venous thromboembolism (VTE) refers to a blood clot that starts in a vein, and is associated with increased morbidity and mortality. According to American Heart Association, VTE is the third leading vascular diagnosis after heart attack and stroke, affecting between 300,000 to 600,000 Americans each year. When blood clot develops in the deep vein in the lower leg, DVT occurs. Low blood velocity and lack of blood flow due to immobility are the major causes of clot formation. When DVT clot breaks free from a vein wall, it could travel to the lungs and then blocks some or all of the blood supply, causing a condition called Pulmonary Embolism (PE) and potentially endangering the life of the patient.



* Selected Clinical References
Nose Y, Murata K, Wada Y, Tanaka T, Fukagawa Y, Yoshino H, Susa T, Kihara C, Matsuzaki, M. Journal of Cardiology (2010) 55, 384-390. The impact of intermittent pneumatic compression devices on deep venous flow velocity in patients with congestive heart failure

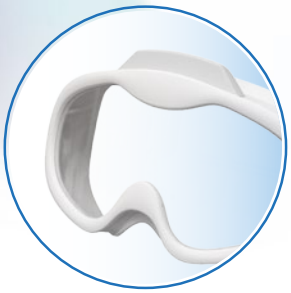
Malone MD, Cisek PL, Comerota AJ Jr, Holland B, Eid IG, Comerota Aj. Journal of Vascular Surgery (1999) 29(4), 593-9. High-pressure, rapid inflation pneumatic compression improves venous hemodynamics in healthy volunteers and patients who are post-thrombotic

**only available to Durable Medical Equipment providers.

Maxson®

Personal Protective

Equipment



- Optically Correct
- Coating with Anti-Fog, Anti-Scratch & Anti-Splash
- Bespoke Laser ID and Branding

- 3x Indirect Vented Design Ensuring Fog Resistant
- Universal Size Fitting with Nose Support for Adults and Juniors
- Fits over glasses

- Autoclavable
- Gamma Resistant
- Light Weight

- CE & FDA Clearance
- Medical Grade – PPE-Biocompatible-Free of Latex-Cleanroom Compliant

- A complete guard against splashes
- Comfortable
- Highly transparent, visibly clear film
- No hearing restriction

- Individually packed
- For all medical, dental and laboratory users
- CE compliance
- Patent ZL 2008 3 0216411.X

Personal Protective Equipment

Goggles & Eye Shield

ST011	MI364	SM002	MI149	MI149
				
Maxson Autocleavable Goggles	Maxson Splash Safety Goggles	Maxson Junior Safety Goggles	Eye Shield	Eye Shield Frame
(W)173 x (H)105 mm		(W)155 x (H)75 mm	(W)240 x (H)70 mm	

Face Shield

MI163-0001	MI213	MI256
		
Maxson Face Shield	Maxson Junior Face Shield	Maxson Pediatric Face Shield
(W)320 x (H)220 mm	(W)320 x (H)200 mm	(W)230 x (H)180 mm

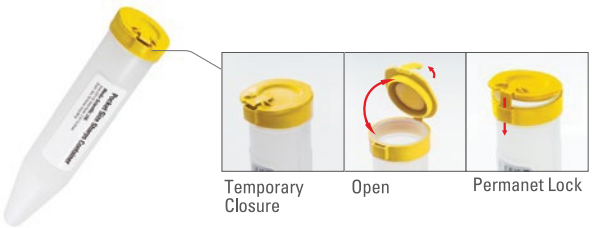
MI383-0001	MI383-0002	MI383-0003
		
Maxson 1-Day Snap N' Shield	Maxson 7-Day Snap N' Shield	Maxson Snap N' Shield Lens
(W)320 x (H)220 mm		

Maxson®

Sharps Containers

Sharps Containers

3 in 1 Locking System



Dual Locking System –
Permanent and temporary, to prevent loss of content during transit or usage.

Needle detaching holes –
3 needle detaching holes for different syringes: luer lock, slip tip and eccentric tip. Prevent direct contact with needle. Protect the healthcare practicer.

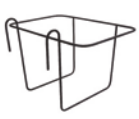
International Compliance –
BS 7320: 1990
OSHA 29 CFR 1910.1030
ASTM F2132 - 01(2008)e1
AS 4031: 1992

Sharps Containers

	Pocket Size		Small Size		
					
Item No.	MI279	MI207	MI155	MI312	MI235
Volume (L)	0.07	0.6	1	1	1.4
Outer Dimensions (mm)	39 x 39 x 166	100 x 55 x 220	110 x 95 x 190	118 x 115 x 176	110 x 95 x 270
Opening Dimensions (mm)	ø28	37 x 22	60 x 35	260 x 210	60 x 35
Temporary Closure	1	1	-	-	-

	Medium Size			Large Size
				
Item No.	MI128	MI323	MI313	MI218
Volume (L)	5	6	7	40
Outer Dimensions (mm)	210 x 155 x 255	200 x 200 x 290	245 x 175 x 285	352 x 352 x 600
Opening Dimensions (mm)	83 x 33	240 x 380	350 x 122	100 x 300
Temporary Closure	1	-	-	1

Accessories

0.6L Paper Stand	1/1.4L Stand	1L Hanger	5L Hanger	7L Hanger	40L Wall Mount	40L Trolley
						

Maxson®

Bio-Medical Plasticwares,

Specimen Containers

& Laboratory Receptacles

Specimen Container

	Item No.	Cap Color	Descriptions	Sterility Condition	Case Quantity (pcs)
22ml Capacity 	MI722-WPEP1010		22ml-25mm Ø **Purple** Stool, w/ **scoop**, label, 100/pk	Aseptic	1000
	MI722-WCEP1010		22ml-25mm Ø **Tansparent** Stool, w/ **scoop**, label, 100/pk	Aseptic	1000
25ml 	MI725-WPEP0001		25ml-22mm Ø Specimen Container w/ label, 10/pk	Aseptic	1000
	MI725-YCEP0000		25ml-22mm Ø Specimen Container w/out label, 10/pk	Aseptic	1000
	AS725-WCEP0000-G		25ml-22mm Ø Gamma Irradiated Specimen Container w/out label, 10/pk	Gamma Irradiated	1000
30ml 	MI730-WCES1001		30ml-23mm Ø **Clear PS Stool Specimen Container** *w/ **Scoop**, label, 10/pk	Aseptic	500
	AS730-YCEP1001-G		30ml-23mm Ø Gamma Irradiated **Stool** Specimen Container *w/ **Scoop**, 10/pk	Gamma Irradiated	500
	AS730-RCES0000-G		30ml-23mm Ø **Clear PS** Gamma Irradiated Specimen Container w/o label, 10/pk	Gamma Irradiated	500
	AS730-WCES0000-G		30ml-23mm Ø **Clear PS** Gamma Irradiated Specimen Container w/o label, 10/pk	Gamma Irradiated	500
60ml 	MI760-RCEP1001		60ml-32mm Ø **Stool** Specimen Container *w/ **scoop**, label, 10/pk	Aseptic	600
	MI760-WCES0000		60ml-32mm Ø **Clear PS** Specimen Container **w/out label**, 10/pk	Aseptic	600
	AS760-RCEP1001-G		60ml-32mm Ø **Stool** Gamma Irradiated Specimen Container, *w/ **scoop**, label, 10/pk	Gamma Irradiated	600
	AS760-RCEP0101-G		60ml-32mm Ø **Boric Acid** Gamma Irradiated Specimen Container, w/ special label, 10/pk	Gamma Irradiated	700
75ml 	MI775-WKEP0000		75ml-41mm Ø **Black** Specimen Container w/out label, 10/pk	Aseptic	600
75ml 	MI775-BCEP001		75ml-41mm Ø Specimen Container w/ label, 10/pk	Aseptic	500
	AS775-PCEP0001-G		75ml-41mm Ø Gamma Irradiated Specimen Container w/ label, 10/pk	Gamma Irradiated	600
	AS775-YCEP0001-G		75ml-41mm Ø Gamma Irradiated Specimen Container w/ label, 10/pk	Gamma Irradiated	600
125ml 	MI125-WCEP0000		125ml-52mm Ø Specimen Container w/ **etched writing area**, 5/pk	Aseptic	250
	MI125-YCEP0000		125ml-52mm Ø Specimen Container w/ etched writing area, 5/pk	Aseptic	250
	AS125-WCEP0000-G		125ml-52mm Ø Gamma Irradiated Specimen Container w/ etched writing area, 1/pk	Gamma Irradiated	250
	AS125-YCEP0000-G		125ml-52mm Ø Gamma Irradiated Specimen Container w/ etched writing area, 1/pk	Gamma Irradiated	250
125ml 	MI126-YCEP0000		125ml-52mm Ø Specimen Container w/ **double-walled design cap**, etched writing area, 5/pk	Aseptic	250
	AS126-YCEP0000-G		125ml-52mm Ø Gamma Irradiated Specimen Container w/ double-walled design cap, etched writing area, 1/pk	Gamma Irradiated	250
125ml 	MI059-00010000		125mm-62mm Ø Cup for Sputum Mucus & Urine	Non-Sterile	500

Petri Dish

Item No.	Descriptions	Sterility Condition	Case Quantity (pcs)
MI335-0001	90mm Ø x 15mm Petri Dish, triple vent compatible w/ stacking machine, 20/pk	Aseptic	500
AS335-0001-G	90mm Ø x 15mm Gamma Irradiated Petri Dish triple vent, compatible w/ stacking machine, 20/pk	Gamma Irradiated	500
	Stackable Vented 90mm Diameter (Vertical Stacking)		
MI336-0001	90mm Ø x 15mm Petri Dish, triple vent compatible w/ stacking machine, 20/pk	Aseptic	500
AS336-0001-G	90mm Ø x 15mm Gamma Irradiated Petri Dish triple vent, compatible w/ stacking machine, 20/pk	Gamma Irradiated	500
	Stackable Vented 90mm Diameter (Vertical Stacking)		
MI337-0001	90mm Ø x 15mm Petri Dish, triple vent compatible w/ stacking machine, 20/pk	Aseptic	500
AS337-0001-G	90mm Ø x 15mm Gamma Irradiated Petri Dish triple vent, compatible w/ stacking machine, 20/pk	Gamma Irradiated	500
	Stackable Vented 90mm Diameter (Vertical Stacking)		

Inoculation Loop

AS001-0001-G	1ul Gamma Irradiated Innoculating Loop, 10/pk	Gamma Irradiated	2,000
AS002-0001-G	10ul Gamma Irradiated Innoculating Loop, 10/pk	Gamma Irradiated	2,000

Centrifuge Tube

ST009-0001	15ml EO Sterile Centrifuge Tube, 50/pk	Non-Sterile	500
MI339-000	15ml Centrifuge Tube, conical, 50/pk	Non-Sterile	500
MI340-0001	30ml Centrifuge Tube, **self-standing**, 50/pk	Non-Sterile	500
MI341-0001	50ml Centrifuge Tube, conical, 50/pk	Non-Sterile	500
MI342-0001	50ml Centrifuge Tube, **self-standing**, 50/pk	Non-Sterile	500
ST010-0001	50ml EO Sterile Centrifuge Tube, conical, 50/pk	EO Sterile	500

Microcentrifuge Tube

MI338-0001	1.5ml Centrifuge Tube w/ cap, 500/pk	Non-Sterile	5,000

Test Tube

MI343-0001	5ml-12 Ø x 75mm Clear PS Test Tube, Highly Transparent, 100/pk	Non-Sterile	2,000
MI344-0001	5ml-13 Ø x 75mm Clear PS Test Tube, Highly Transparent, 100/pk	Non-Sterile	2,000
MI345-0001	14ml-15 Ø x 100mm Clear PS Test Tube, Highly Transparent, 100/pk	Non-Sterile	2,000
MI346-0001	14ml-16 Ø x 100mm Clear PS Test Tube, Highly Transparent, 100/pk	Non-Sterile	2,000
MI347-0001	15ml-17 Ø x 100mm Clear PS Test Tube, Highly Transparent, 100/pk	Non-Sterile	2,000
MI348-0001	12mm Ø Red Test Tube Cap	Non-Sterile	4,000

Maxson®

Food Grade | DEHP | Latex

Non-IV compatible connector to avoid mismatching

Enteral Feeding

Item No.	Volume (ml)	Sterile	Packaging
MI191	1200	Non-Sterile	30pcs/carton
ST295	1200	EO	30pcs/carton
MI220	600	Non-Sterile	30pcs/carton
ST225	600	EO	30pcs/carton

Oral Syringe

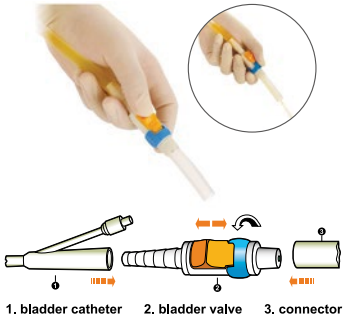
Item No.	Volume (cc)	Sterile	Packaging
MI194	1	-	-
MI196	3	-	100pcs/inner; 2400pcs/outer
MI197	5	-	100pcs/inner; 2400pcs/outer
MI198	10	-	100pcs/inner; 1800pcs/outer

- Barrel and plunger are assembled and ready for use with clear graduations
- Tip cap is provided for recap if multiple use is required
- Bright purple plunger alerts clinician that syringe if for oral use
- Special tip of the plunger cannot fit with hypodermic needle
- Material does not affect medications or solutions to be used
- Non-sterile bulk pack at 100pcs/poly bag

AS020	20	EO	50pcs/inner; 600pcs/outer

- Maxson Diposable Catheter Tip Syringe (with ENFit TM connector)

Incontinence

	1000ml Urine Container	Bed Pan	Bladder Valve
			
	• Made of lightweight material • Single use only • Wide contoured spout at the top • Unisex • Holds up to 1000ml	• Side grip to make maneuvering easy • Made of lightweight material • Durable and easy to clean • Can also be used as a female urinal • Autoclavable • Recommended for single-person use but is also easy to clean with standard household cleaners • Large capacity of 3.5 liters	• Clean and hygienic solution for clearing bladder • Overcome the limitations of using urine bags • Urination can be controlled manually by a knot • It can train up the bladder, preventing lost of bladder functions • No direct contact with the urine minimizes infection risk • The catheter is used to drain the bladder • Small and portable. Patients can bring along with it during travel • Night drainage problem is eliminated, patients will have a good sleep
Item No.	**MI064**	**MI070**	**MI133 / ST133 (EO Sterile)**
Volume (ml)	1000	3500	-
Packaging	40pcs/Carton 0.138CBM	10pcs/Carton 0.106CBM	400pcs/Carton 0.029CBM

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