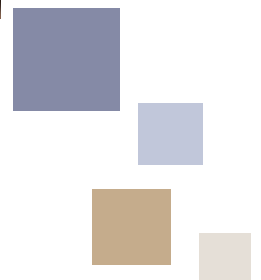




Serving Humanity Since 1957



“ TO KEEP THE BODY IN
GOOD HEALTH IS A DUTY...
OTHERWISE WE SHALL NOT
BE ABLE TO KEEP THE MIND
STRONG AND CLEAR. ”

- BUDDHA

ABOUT US

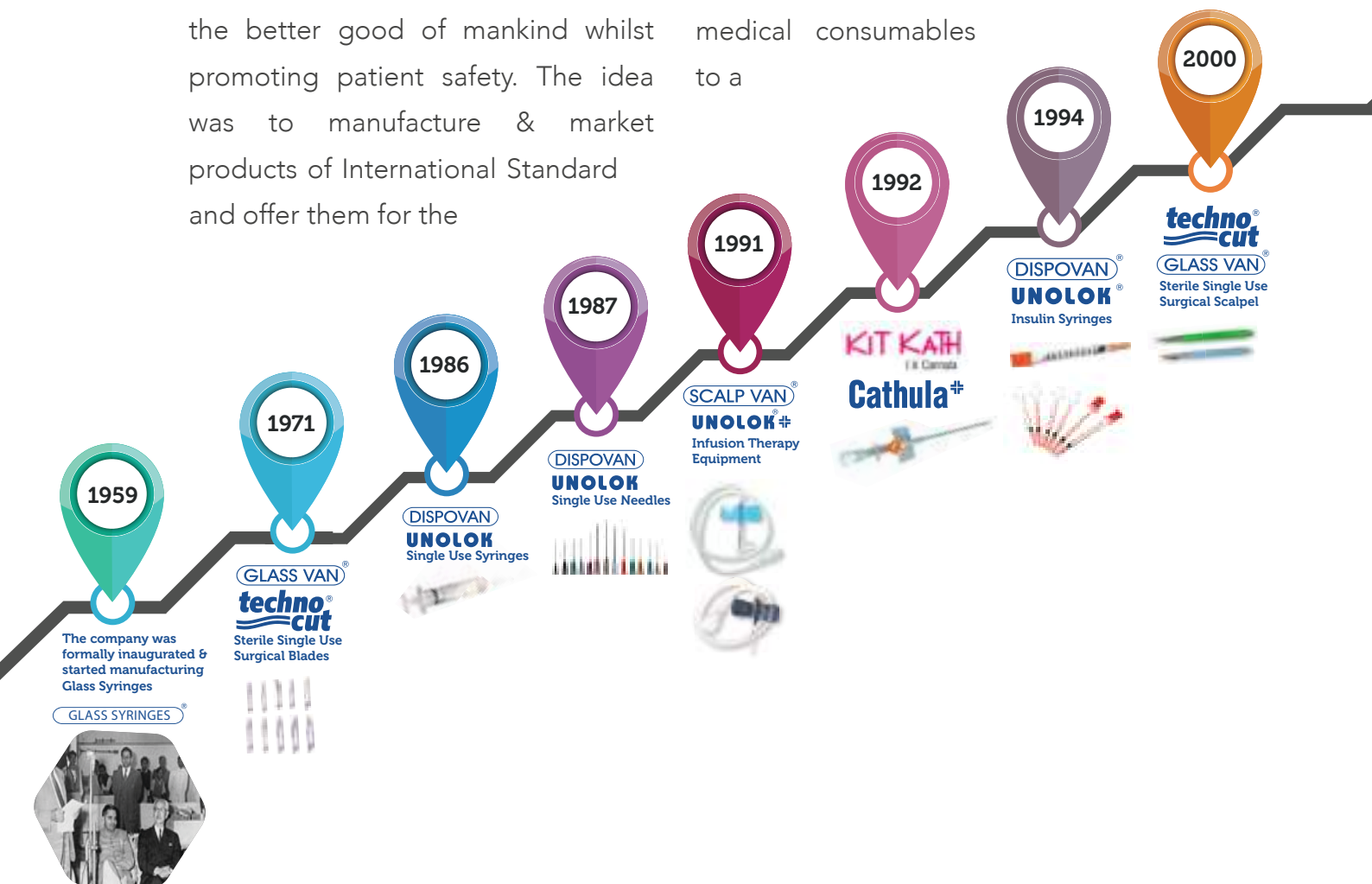
Founded in the year 1957, Hindustan Syringes & Medical Devices Ltd. is a high volume capacity manufacturer of cutting-edge medical devices for a highly demanding global market. HMD has set a benchmark when it comes to manufacturing a plethora of medical disposables, thus aiding medical experts to save and sustain human lives across the globe. All products manufactured at HMD plants are marketed through a highly responsive national distribution network, comprising of more than 4500 authorized dealers, ensuring ready availability of every product from their inventory, even in the most secluded of the areas, backed up by value-adding customer support.

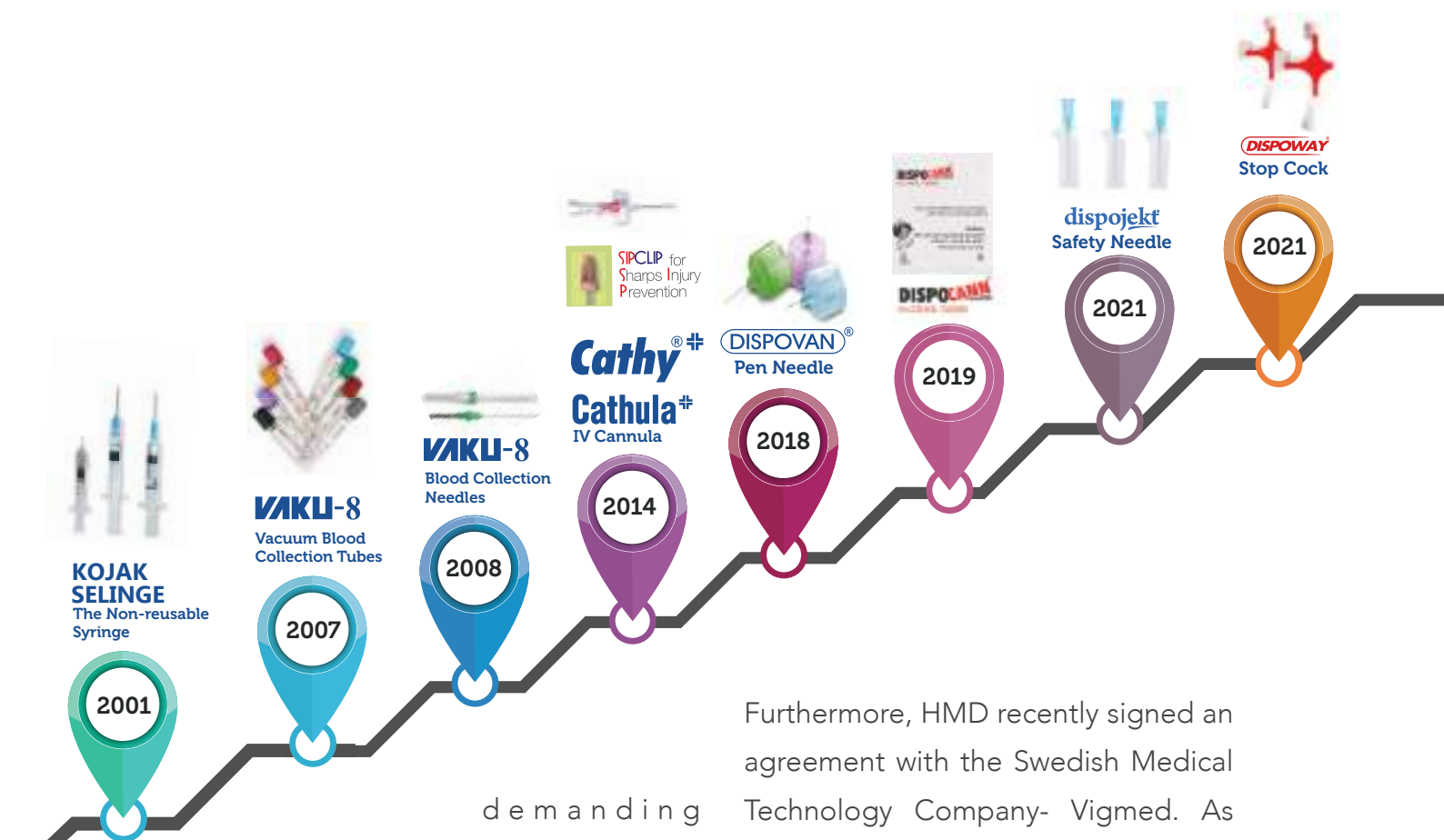


OUR JOURNEY

Founded on 2nd August 1957 and formally inaugurated on 4th January 1959, Hindustan Syringes & Medical Devices Ltd. was conceived to cater to the emerging needs of the Medical Profession across the Globe. Honoring the vision of our Founder, Late Mr. Narindra Nath Ji, HMD was created to serve Medical Profession with affordable, World Class Medical Devices aiming to secure a predominant position in the global healthcare industry by harnessing research, technology & manpower for the better good of mankind whilst promoting patient safety. The idea was to manufacture & market products of International Standard and offer them for the

benefit of patients and doctors at prices that any other local manufacturer would find difficult to meet without compromising on quality. It was the very first technical collaboration between a Japanese Corporation & Indian MSME set up to produce Glass Syringes in the year 1959 and subsequently adding other products such as Surgical Blades in 1971, Single Use Syringes in 1986 and so on. Since innovation is one of the main pillars of HMD's philosophy, aiming to offer constant quality medical consumables to a





demanding market is our underlying objective. Thus, catering to this commitment effectively, HMD had set up a state-of-the-art manufacturing facility in 2001 for manufacturing K1 Design Auto Disable Syringes for which HMD Collaborated with M/s. Star Syringe Ltd., (UK based company founded by Mr. Marc Koska (Inventor). The Auto Disable Syringe now goes by the brand name, Kojak Selinge. Speaking of collaborations, HMD also joined forces with M/s. Estar Technology, Israel, and launched the Vaku-8 brand of Evacuated Blood Collection Tubes ensuring accurate blood collection in a safe closed system so there is no risk of blood exposure.

Furthermore, HMD recently signed an agreement with the Swedish Medical Technology Company- Vigmed. As per this agreement, Vigmed granted HMD the right to utilize Vigmed patents on non-integrated Safety I.V.Catheters and to also market these products under HMD's brand in selected markets. Thereafter, in 2018, Hindustan Syringes & Medical Devices Ltd. launched India's First Insulin Pen Needle. The high precision engineered and technologically advanced, yet affordable, Insulin Pen Needle aimed to offer a less painful injection whilst further discouraging reuse of Injection. HMD reiterated its global vision and long term goal of becoming "Top 5" in each of its business segments by building a unique competitive advantage in key businesses.



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STRIVING FOR EXCELLENCE IS OUR COMMITMENT

Our journey of striving for excellence continues to surge ahead as we look forward to achieving a credible space in the global healthcare industry. The MDSAP, CE and ICMED certifications earned by HMD has been a pioneering milestone for an Indian manufacturer that has got us immense acknowledgement and recognition in the international medical device

community today. Most of our medical devices are ranked amongst the top five in their respective categories. With our mission to serve humanity and our high-quality credentials, we are all set to increase our global market share many folds in the future.

SERVING HUMANITY IS OUR MISSION

Having built a reputation for striving for excellence in making world-class sterile medical devices, HMD is known for its value driven philosophy of striving for zero tolerance in quality and in its consistency, deploying quality measurement tools under 6-sigma. The strong foundations of our company have been laid on trust, commitment and performance. Adhering to the strict global norms of

precision, we take pride in our state-of-the-art production technology to manufacture products that conform to the most strict international standards. We are always committed to serve humanity across the globe with the latest cutting edge technological advancements in sterile medical devices at an affordable cost for the patients.

HYPODERMIC SYRINGES



STERILE SINGLE USE SYRINGES

"Ribbon" Packed Dispo Van, Unolok single use syringes with out needle & with needle mounted on top, are synonymous with quality.

COMPONENTS :

BARRELS AND PLUNGERS: Made of non-toxic, medical-grade polypropylene compatible with the medication for short term contact drug delivery application. The nozzle of the barrel is of two types - luer mount and luer lock. Both have a 6% luer taper as per ISO:80369-7.

GASKETS : Made of natural Rubber/Thermoplastic Elastomer which is chemically inert and compatible with the medications for short term contact drug delivery application*.

LUER LOCK nozzle present in UNOLOK syringes ensures a secure needle fitment*.

PACKING : DISPO VAN, UNOLOK single use syringes are individually Ribbon packed in a double-laminated plastic film. Ribbon packaging is superior to blister packaging due to higher puncture and water resistance, enabling extended shelf-life under adverse condition, but for better container loadability we are also making transparent thermoformed peelable Blister pack.

PRODUCT RANGE		
Capacity	Type of Nozzle	Standard Needle Dimensions
1 ml.* (T.B.)	Luer mount with luer lock with central nozzle	26G × 1/2" *0.45 × 13
2 ml.**	Luer mount/luer lock with central nozzle	24G × 1", 23G × 1" 24G × 1 1/2", 22G × 1" *0.55 × 25 0.60 × 25 0.60 × 38 0.70 × 25 22G × 1 1/4", 22G × 1 1/2", 21G × 1", 21G × 1 1/2" *0.70 × 32 0.70 × 38 0.80 × 25 0.80 × 38
3 ml.	Luer mount/luer lock with central nozzle	Specifications same as 2 ml
5 ml.**	Luer mount/luer lock with central nozzle	Specifications same as 2 ml
10 ml.**	Luer mount with eccentric nozzle Luer lock with central nozzle	22G × 1 1/4", 22G × 1 1/2", 21G × 1 1/2", 20G × 1 1/2" *0.70 × 32 0.70 × 38 0.80 × 38 0.90 × 38 Same as above
20 ml.	Luer mount with eccentric nozzle Luer lock with central nozzle	Specifications same as 10 ml
50 ml.	Luer mount with eccentric nozzle Luer lock with central nozzle	Without needle

**also available in Blister pack.

*All units are in mm

• Conform to : ISO:7886-1/IS:10258 standards.

▲ Before use check the integrity of the sealing of the pack, if the pack is previously opened or damaged then do not use.



LUER LOCK TIP



LUER SLIP TIP



AUTO DISABLE SYRINGES

KOJAK SELINGE

Auto Disable syringe for patient safety in the curative as well as immunization sector, a syringe that breaks automatically if you try to re-use it.

UNDER COMPONENTS :

BARRELS & PLUNGERS : They are made of medical grade polypropylene that is non-toxic & compatible with the medication for short term contact drug delivery application.

GASKETS: They are made from natural Rubber/Thermoplastic Elastomer are chemically inert & compatible with all kinds of medications for short term contact drug delivery application.

LOCK: Presence of ring and lock mechanism which automatically breaks the plunger, if reuse is attempted.

NEEDLE : The tip of the needle has a thin wall and 3 facet lancet point. Needle is well siliconized to reduce friction (for smooth penetration & withdrawal).

PRECAUTIONS : Before use, check the integrity of the sealing of the pack. Do not push the plunger forward before withdrawing medicament from the vial otherwise plunger will get locked.

KEY BENEFITS OF KOJAK SELINGE:

- Significantly helps in reducing infections due to unsafe injections.
- Reduces health-care costs at a macro-level.
- Reduces average stay of patient in hospital.
- Usage of fixed needle syringes assures that neither syringes nor the needle can be used again, thereby promoting patient safety.

FOR IMMUNIZATION PRODUCT RANGE

SIZE	0.1 ml	0.3 ml	0.5 ml	1 ml
NEEDLE SIZE	26G x 3/8" 0.45 x 10	27G x 3/8" 0.40 x 10	23G x 1" 0.60 x 25	23G x 1" 0.60 x 25
				26G x 1 1/2" *0.45 x 13
				22G x 1" *0.60 x 25
WHO PQS NO.	E008/045	E008/084	E008/039	E013/056

Conform to ISO7886-3, IS10258-3

Auto Disable Syringe with Fixed Needle.

* All units are in mm.

FOR CURATIVE PRODUCT RANGE

SIZE	2 ml	3 ml	5 ml	10 ml	20 ml
NEEDLE SIZE	26G x 1 1/2" *0.45 x 13	24G x 1" 0.55 x 25	23G x 1" *0.60 x 25	22G x 1" 0.70 x 25	22G x 1 1/4" *0.70 x 32
					21G x 1 1/2" *0.80 x 38
WHO PQS NO.	E013/001	E013/018	E013/020	E013/039	

Conform to ISO7886-4 * All units are in mm. Auto Disable Syringe with/without - Fixed/Detachable Needle.



SCAN FOR PRODUCT VIDEO

INSULIN SYRINGES



Diabetes Safeguard



STERILE SINGLE USE INSULIN SYRINGES

Dispo Van & Unolok Insulin Syringes are manufactured on totally automated printing, assembly and packaging lines as per the requirements of the most stringent quality standards. All the needles are siliconised to minimize pain.

Presence of low dead space avoids wastage of medication and ensures accurate dosage.

COMPONENTS :

BARRELS, PLUNGERS, NEEDLE COVERS AND BOTTOM CAPS (MULTIPACK) : Are made of non-toxic, medical grade polypropylene compatible with the medications for short term contact drug delivery application.

NEEDLE : It comes integrated with the barrel.

GASKETS : They are made from natural Rubber/ Thermoplastic Elastomer are chemically inert and compatible with all kinds of medications for short term contact drug delivery application.

PRINTING : Graduation scale is available with U-40 and U-100 versions.

1ml is available in both U-40 and U-100, 0.3 ml available in U-100.

PACKING : Insulin syringes are unit packed in a double laminated plastic film/Blister pack.

Insulin syringes are also available in an economic multipack of 10 units in a double-laminated plastic film.

COLOR CODE



RED



ORANGE



RED



ORANGE



RED



ORANGE



RED



ORANGE



RED



ORANGE



RED



ORANGE

	U-40	U-100	U-40	U-100	U-40	U-100	U-40	U-100	U-40	U-100	U-40	U-100
NEEDLE SIZE	29G x 1/2", 0.33 x 13mm	29G x 1/2", 0.33 x 13mm	30G x 5/16", 0.30 x 8mm	30G x 5/16", 0.30 x 8mm	31G x 5/16", 0.25 x 8mm	31G x 5/16", 0.25 x 8mm	31G x 5/16", 0.25 x 8mm	31G x 5/16", 0.25 x 8mm	31G x 5/16", 0.25 x 8mm	31G x 5/16", 0.25 x 8mm	31G x 5/16", 0.25 x 8mm	31G x 5/16", 0.25 x 8mm
	0.5/1 ml	0.5/1 ml	0.5/1 ml	0.5/1 ml	1 ml	1 ml	1 ml	1 ml	1 ml	1 ml	1 ml	1 ml
DESCRIPTION	Multipack	Unitpack	Multipack	Unitpack	Multipack	Unitpack	Multipack	Unitpack	Multipack	Unitpack	Multipack	Unitpack

• Conform to : ISO:8537/IS: 12227 standards. ▲ Before use check the integrity of the sealing of the pack, if the pack is previously opened or damaged then do not use.



INSULIN PEN NEEDLE

Precision Engineered
Affordable

WHY REUSE A PEN NEEDLE, WHEN DISPOVAN MAKES IT AFFORDABLE FOR SINGLE USE?

FEATURES IF PRECISION ENGINEERED DISPOVAN STERLINE SINGLE USE PEN NEEDLE:

- Extra thin wall
- Ergonomic shape for improved skin contact and grip
- Multi-level, tapered point
- Flat base designed to improve skin contact and comfort

SAFE DISPOSAL IS IMPORTANT:

- Discard it right away in a sharp container for medical waste (to prevent anyone from getting infected with your used pen needle)

UNDER CAUTION:

- Check the compatibility between the pen needle and the pen to be used for administering medication.
- Always mount a new needle before each injection and dispose it of after single use.
- Use the technique recommended by your doctor for administration.
- Store in a clean dry and insect free place.
- Avoid exposure to acidic/corrosive fumes to avoid corrosion/rust.

WARNING :

- Do not use if the pack is previously opened or damaged, needles should be discarded preferably in a sharp container.
- Do not attempt to re-sterilize and reuse.

PRODUCT RANGE

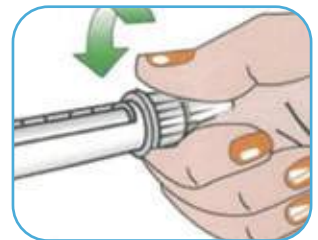
Gauge	31G	32G	31G	32G
Needle Length	5mm 3/16"	4mm 5/32"	5mm 3/16"	4mm 5/32"
Packaging	Pouch Pack	Pouch Pack	Box Pack	Box Pack
Reorder No.	04136	04135	04138	04137



How to use Dispovan Pen Needle?



Step 1 :
Take a new needle,
peel of the paper bag



Step 2 :
Push the needle straight
onto the pen. Rotate
until it is on tight



Step 3 :
Pull off the outer cap
and keep it for later. You
will need it after
injection to safely
remove the needle from
the pen.



Step 4 :
Pull off the inner needle
cap and throw it away. if
you try to put it back on,
you may accidentally
stick yourself with the
needle. A drop of the
medicine may appear at
the needle tip. This is
normal, but you must
still check the flow.



SCAN FOR PRODUCT VIDEO

HYPODERMIC NEEDLE



Hypodermic Kit



STERILE SINGLE USE NEEDLE

Manufactured using premium-quality cold-rolled stainless steel strips with the latest Japanese technology, Dispovan and Unolok needles are ground on high-precision machines: assembled and packed on totally automated machines. Vision cameras ensure 100% automated quality control, enabling superior sharpness for comfortable insertion.

COMPONENTS:

NEEDLE HUB : Made of non-toxic, medical-grade Polypropylene compatible with the injectable medication and has 6% Luer Taper as per ISO:80369-7.

CANNULA : BURR FREE - 3 FACET LANCET POINT are made from SUS 304 stainless steel.

PACKING : The needles are packed in tamper-evident blister packs having easily peelable, medical-grade paper which ensure reliability of seal and product sterility.

PRECAUTIONS:

- Before use, check the integrity of the sealing of the pack.
- Store in clean Dry & insect free place.
- Avoid exposure to excessive heat.
- Avoid exposure to acidic/corrosive fumes, to avoid corrosion/rust.
- Avoid piercing the needle through the wall in hard plastic container, it may result in needle blockage.

COLOUR CODE : As per ISO:6009.

SINGLE USE HYPODERMIC NEEDLE COLOUR CODE AND SPECIFICATION

COLOR CODE



SIZE	OD (MM)	0.40	0.45	0.50	0.55	0.60	0.70	0.80	0.90	1.10	1.20	1.60
	GAUGE	27G	26G	25G	24G	23G	22G	21G	20G	19G	18G	16G
LENGTH		3/8" ●	1/2" ●●	5/8" ●●●	3/4" ●●●●	1" ●●●●●	1 1/4" ●●●●●●	1 1/2" ●●●●●●●	1 3/4" ●●●●●●●●	2" ●●●●●●●●●	2 1/4" ●●●●●●●●●●	2 1/2" ●●●●●●●●●●●

• Conform to : ISO :7864/IS:10654 standards. ▲ Before use check the integrity of the sealing of the pack, if the pack is previously opened or damaged then do not use.



SAFETY NEEDLE

SHARP INJURY PREVENTION

FEATURES OF DISPOJEKT SIP SHIELD

- Compact Needle with a safety cover
- Transparent safety mechanism activated by one hand.
- Audible click sound confirm locking of safety device
- Does not require a change in injection technique
- Sharp three - beveled needle to minimize discomfort
- Siliconized needle minimized penetration and gliding force
- Colour coded hub to conform to ISO 6009
- Available in 22G, 23G and 24G.
- Available in thin wall regular bevel.

INTENDED USE

- Used with syringes for single use hypodermic / intravascular / intramuscular injection.

PACKAGING DETAILS

The Dispojekt single use Safety Needle with SIP (Sharps Injury Prevention) are individually packed in transparent thermoformed peelable blister pack as a strip of five pieces.

CAUTION:

- Reuse of product may lead to cross contamination / infection.

WARNING:

- Do not use if the pack is previously opened or damaged.
- Do not attempt to re- sterilize and reuse.

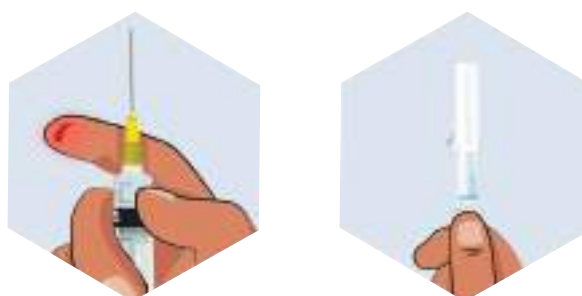
STORAGE CONDITIONS:

- Store in clean, dry & insect free place.
- Avoid exposure to acidic / corrosive fumes to avoid corrosion /rust.

PRODUCT RANGE

Safety Needle with Sharps Injury Prevention

SIP SHIELD™



Safety from Accidental Needle Injuries



Description	Gauge (G)	Length (mm)	colour
Single use Safety Needle with Sharps Injury Prevention 24G x 1 " (0.55x 25 mm) TW regular bevel	24G	25	Medium Purple
Single use Safety Needle with Sharps Injury Prevention 23G x 1 " (0.6x 25 mm) TW regular bevel	23G	25	Blue
Single use Safety Needle with Sharps Injury Prevention 22G x 1 " (0.7x 25 mm) TW regular bevel	22G	25	Black

• Conform to : ISO 7864 & ISO 23908 Standard. • Before use check the integrity of the sealing of the pack, if the pack is previously opened or damaged then do not use.



SCAN FOR PRODUCT VIDEO



I.V. CANNULAS

Cathy STERILE SINGLE USE I.V. CANNULAS

with & without Injection port and safety features also. With the new VOLEX proprietary polymer, Cathy I.V. cannulas make a technological leap into the future of medical care.

PAIN ADVANTAGES

- Minimal intimal irritation and risk of Phlebitis.

COMPONENTS :

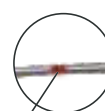
WINGS: Wings are made of non-toxic medical-grade polypropylene. Incorporates a flash-back chamber in the hub, blood stopper and luer lock cap.

Cathy SAFETY I.V CANNULA WITH SIP CLIP™

The auto protection technology of Cathy+ I.V Cannula is designed to provide 'Involuntary Activated Safety' due to presence of a protection device SIP CLIP which encapsulates the tip of the used needle when introducer needle is extracted from the Catheter; Post Cannulation. prevents accidental needle stick injury.

Cathy NEO WITH "INSTANT FLSH BK" EASES CANNULATION, REDUCES ANXIETY

For neonates and children, in 24G & 26G I.VCannula, a notch has been provided in the needle for "INSTANT FLSH BK" (instant flashback visualization) at the tip of the catheter. It assists in achieving successful Cannulation in 1st attempt of vein entry.



First visualization Blood



Reduce the chances of Infections from Used Cannulas

COLOR CODE



GAUGE	14G	16G	17G	18G	20G	22G	24G	26G
CATHETER EXT. DIAMETER X LENGTH MM	2.20 X 45 / 2.00X45	1.70X 45	1.50 X 45	1.20 X 38 1.20 X 45	1.00 X 32	0.80 X 25	0.70 X 19	0.60 X 19
WATER FLOW RATE ML/MIN	310/290	200	140	105 100	64	38	16/22	12/15

• Also available in other FEP brands.

• Conform to : ISO 10555-1 & ISO 10555-5 standard.

▲ Before use check the integrity of the sealing of the pack, if the pack is previously opened or damaged then do not use.



SCAN FOR PRODUCT VIDEO

I.V. CANNULAS

A range of I.V. CANNULA, each designed to meet Specific application of cannulation KITKATH+ with radiopaque TEFLON® FEP Fluro Ethylene Propylene) offers safe & convenient method of infusion.

FEATURES

- 2way/lway I.V. Cannula with wings.
- It is provided with low pressure Injection valve to facilitate extra medication and to prevent its back flow.
- Medicine can be Injected by syringe without needle thereby reducing chances of Infection and preventing needle stick Injuries. Cost of needle is also saved.
- The Valve is protected with easy to open Injection Port Cap.
- Angled & grooved wings offer easy fixation and prevent shifting & rolling of cannula in the patient's body.
- Disposable, sterile, non-pyrogenic and nontoxic.



PRODUCT RANGE

Colour Code	Gauge	Catheter Ext. DiaXLength (mm)	Water flow-rate (ml/min)
Orange	14G	2.20X45	310
Grey	16G	1.7X45	200
White	17G	1.5X45	140
Green	18G	1.2X38 1.2X45	105 100
Pink	20G	1.0X32	64
Blue	22G	0.8X25	38
Yellow	24G	0.7X19	16/22
Violet	26G	0.6X19	12/15

- Also available in other FEP brands.
- Conform to : ISO 10555-1 & ISO 10555-5 standard.
- ▲ Before use check the integrity of the sealing of the pack, if the pack is previously opened or damaged then do not use.

COMPONENTS

CATHETER:

- Cannula is made of virgin FEP (fluro Ethylene Propylene) double tapered bevelled tip, siliconised catheter with radiopaque strips.
- The double-tapered formation of catheter and bevelled tip of Cannula is designed to reduce trauma and peel- back.
- High resistance to kinking without compromising biocompatibility.
- Minimum resistance during insertion due to low coefficient of friction.
- High chemical resistance reduces the chances of thrombogenicity.
- Thin wall of the catheter allows maximum flow rate for a specific gauge of cannula.
- Optimum trim distance to minimise the problem of 'peel back'.

CAUTION :

- Needle extra sharpness and thin catheter wall requires lower force and less angle to body during cannulation to avoid cross puncture of vein.
- For low blood pressure patients 2- 3 seconds required for blood to reach flash back chamber of needle hub.



SCALP VEIN SET



Infusion Therapy Equipment



STERILE SINGLE USE SCALP VEIN SETS

Moulded from non-toxic medical-grade PVC. compound and assembled on totally automated assembly machines. Needle points are inspected by electronic vision camera systems for removing blunt, damaged points to ensure that Scalp Van and Unolok Infusion Sets are comfortable.

COMPONENTS :

LUER ADAPTORS : Made of non-toxic, medical-grade polyvinyl chloride compatible with any injectable medication, have a 6% luer taper as per ISO:80369-7.

WINGS: Made of medical-grade flexible PVC. and are colour-coded for instant identification of the desired gauge.

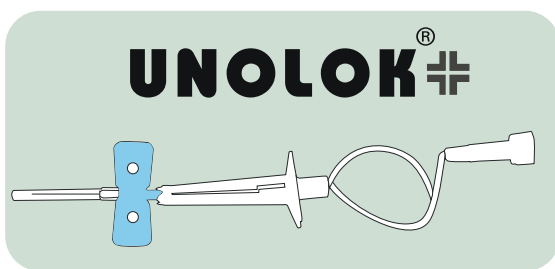
LINK TUBE: made of kink-free, non-toxic, medical-grade flexible P.V.C

CANNULAS: Burr-free 3-facet lancet-point are made from SUS 304 or equivalent stainless steel.

PROTECTIVE SHIELD in **UNOLOK** assists in ensuring there is no secondary needle sticks and no reuse of device.

UNOLOK infusion sets are provided with LUER LOCK connectors.

PACKING: The Scalpvein sets are individually packed in transparent. thermoformed, peelable blister-packs.



COLOR CODE

PINK

CREAM

YELLOW

GREEN

BLACK

BLUE

PURPLE

ORANGE

BROWN

GREY

GAUGE	18G	19G	20G	21G	22G	23G	24G	25G	26G	27G
NEEDLE LENGTH	3/4" 19mm	3/4" 19mm	3/4" 19mm	3/4" 19mm	3/4" 19mm	3/4" 19mm	3/4" 19mm	3/4" 19mm	3/4" 19mm	3/4" 19mm
NEEDLE DIAMETER	1.20 mm	1.10 mm	0.90 mm	0.80 mm	0.70 mm	0.60 mm	0.55 mm	0.50 mm	0.45 mm	0.40 mm

• Available in tube length 300 mm

• Scalpvein sets conforms to IS: 16097



BLADES & SCALPEL

A Cut Above The Rest



STERILE SINGLE USE SCALPELS

Techno Cut and Glass Van Scalpels are made from high quality Stainless Steel Blades with ergonomically designed handle for better feel & precision.

COMPONENTS :

BLADES : Made of Swiss Stainless Steel.

PACKING : Easy Peel Blister Pack in Medical Grade paper.



STERILE SINGLE USE SURGICAL BLADES

Techno Cut and Glass Van Blades are made from premium quality Swiss high carbon steel and stainless steel.

COMPONENTS :

BLADES : Made of premium quality high carbon steel and stainless steel.

UNDER PACKAGING : Individually packed in a peelable Aluminium- foil package protected by VCI-coated paper lining.



PRODUCT RANGE (Scalpels)

Category	For small-size fittings (Handle No. 3) ^A	For large-size fittings (Handle No. 4) ^B
Commercial Designation No.	10, 11, 12, 12D, 15, 15C	20, 21, 22, 23, 24, 25

PRODUCT RANGE (Blades)

Category	For small-size fittings (Handle No. 3) ^A	For large-size fittings (Handle No. 4) ^B	Miniature blades ^C	Podiatry blades ^D	Stitch Cutters ^E
Commercial Designation No.	10, 10A, 11, 12, 12D, 13, 15, 15C	18, 19, 20, 21, 22, 23, 24, 25	6100, 6200, 6400, 6700, Minimal Incision Blade No. 67	312, 313, 314, 316	—

• Conform to : HMD 's specifications & ISO : 11607 standard. • Conform to : HMD Specification & ISO : 7740 standard.

BLOOD SAMPLING SYSTEM



Blood Collection Equipment



VAKU-8® VAKU-8+ BLOOD COLLECTION SET

with safety shield, offer the ideal solution for accessing difficult veins for blood sampling by utilizing the wings to control needle placement. The wings ensure no trauma due to the rolling of the needle and minimize chances of vein perforation. Distal vein wall puncture aside from causing patient discomfort due to repeated pricks, can result in increased chances of Phlebitis and other related problems.

A non latex rubber sheath envelops the needle of multiple sample adaptor, automatically retracting as the needle penetrates the vacuum tube stopper and upon withdrawal, recovers the needle. This sheath helps in avoiding accidental needle sticks to personnel using it, as well as avoiding blood spillage.

With **VAKU-8+** there is a safety shield for covering the needle post use to prevent accidental needle stick injuries.

UNDER COMPONENTS :

FLEXIBLE WINGS: Their textured surface easily pinch together to provide a secure grip.

NEEDLE: With short bevel, minimises chances of vein perforation.

KINK-RESISTANT TUBING: They assure continuous flow.

FEMALE LUER LOCK: For secure fitment.

SELF SEALING NON LATEX PROTECTION SHEATH: Automatically covers needle before & after insertion.

PROTECTIVE SHIELD in **VAKU-8+** ensures there are no secondary needle sticks and no reuse of device.

SCREW THREADS : They can fit in any standard vacuum tube holder.

COLOR CODE

GREEN

BLUE

PURPLE

ORANGE

GAUGE	21G	23G	24G	25G
LENGTH	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "
PACKAGING (PER BOX)	100 Pcs	100 Pcs	100 Pcs	100 Pcs

• Vaku - 8+ is also available in 190 mm • Other sizes available on request • Colour Code: As per ISO: 6009



BLOOD SAMPLING SYSTEM

COMPONENTS:

TOP NEEDLE COVER : Top cover are made of medical grade PP. It give protection to needle from damage.

LOWER NEEDLE COVER: Lower covers are made of medical grade PE.

NEEDLE TUBE: Needle tube is made from cold roll stainless steel. The needle tube is thin walled which allows a larger internal diameter resulting in improved flow rate.

NEEDLE TUBE SHEATH: Flexible rubber tube covers the backside of needle tube. This act as end blood stopper when is withdrawn from sample tube.

SILICONISED NEEDLE: To minimize trauma and with short Bevel to minimize risk of vein cross perforation.

WARNING: Do not use if the pack is previously opened or damaged. Ensure that blood collection tube is fully pressed over the blood collection needle. Do not attempt to re-sterilize and reuse. Blood Collection Needle should not be recycled and should be disposed off preferably in sharps containers.

Blood Collection Needle



PRODUCT RANGE

COLOR CODE

GREEN

BLACK

BLUE

GAUGE	21G	22G	23G
NEEDLE LENGTH	1", 1.5"	1", 1.5"	1"
NEEDLE DIAMETER	0.8 mm	0.7 mm	0.6 mm

• Ref: Company's Specification • Colour Code: As per ISO: 6009

BLOOD SAMPLING COLLECTION SYSTEM



Evacuated (Vacuum) Blood Sampling Collection Tube Systems



With the Vaku-8 evacuated blood sampling collection tube system, the blood is collected directly into the tube during the venipuncture procedure and is a closed system. With the syringe method, the blood from the syringe must be transferred into test tubes after collection and is an open system. This reduces risky blood exposures to phlebotomist and need to transfer blood to test tubes by Lab technicians and consists of disposable needles and tubes.

Bi-CAP

A Bromobutyl rubber stopper that seals Vaku-8 Blood Collection Tubes. It is covered by a plastic cover to help protect laboratory personnel from contact with blood on the stopper or around the outer rim of the tube.

TYPES OF BLOOD COLLECTION TUBES WITH Bi-CAP



**GEL + BCA TUBE
FOR SERUM
COLLECTION**



**NO ADDITIVE TUBES
FOR SERUM COLLECTION**



**HEMO REPELLENT
COATED TUBE
FOR SERUM
COLLECTION**



**EDTA TUBE
FOR WHOLE
BLOOD COLLECTION**



**ESR TUBE
FOR WHOLE
BLOOD COLLECTION**



**PT/PTT TUBES /
CITRATE TUBES
FOR PLASMA
COLLECTION**



**HEPARIN TUBE
FOR PLASMA
COLLECTION**



**GLUCOSE TUBES
FOR PLASMA
COLLECTION**

• Conform to : ISO : 6710



SCAN FOR PRODUCT VIDEO



ACCESSORIES

For Collection of Sharps

CARD BOARD SAFETY BOX SPECIFICATION:

Volume	-	5 ltr / 10 ltr.
Material	-	Yellow Duplex Kraft Board
Thickness of Walls	-	Over 1.10 mm
Grammage	-	Over 850 gsm

FEATURES/BENEFITS:

- Easy Assembly without training
- Direction of use on the box in multilingual text as well as pictorial directions and sequenced code on flaps.
- Handle in the centre avoids spillage/tilted Box during transportation.
- For Disposal -As per country specific waste disposal national policy guidelines.
- Seal edges with Adhesive Surgical Tape in case Box is intended to be used to collect Surgical Blades.
- PQS No. E010/006
- Conforms to WHO standard WHO/PQS/E I 0/SB0 1.1



TECHNICAL DIMENSIONS FOR DISPOSABLE SHARP CONTAINER

VARIANT	HEIGHT	WIDTH	WEIGHT
2L	15 cm	13.5 cm	77 g
5L	20.5 cm	19.6 cm	171 g

TECHNICAL DIMENSIONS

Weight fully assembled	275gms (min) (5 ltr)	450gms (min) (10 ltr)
Diameter of syringe insert hole	38 mm (5 ltr)	42 mm (10 ltr)
Cartons	5 Ltr. (25 pcs)	10 Ltr. (20 pcs)
Shipping Weight	5 Ltr. - 7.5 kg(min.)	10 Ltr. - 10 kg(min.)

CAPACITY:

S. No	Size of No. Syringe	With Needle No. of Syringes without Agitation		*Without Needle No. of Syringes without Agitation		With Needle No. of Syringes with Agitation		*Without Needle No. of Syringes with Agitation	
	Box Size	5 ltr	10 ltr	5 ltr	10 ltr	5ltr	10ltr	5ltr	10ltr
1.	0.5ml/2ml	100	200	275	630	150	275	295	650
2.	5 ml	65	120	140	320	120	190	170	360

* Defanged/Cut Needle (5 ltr - suitable for single use syringes 1 ml to 10 ml; 10 ltr suitable for single use syringes 1 ml to 20 ml)

ACCESSORIES



For Preparation of
Skin Prior to Injection



DISPO CANN™ ALCOHOL SWAB

For Preparation of the Skin Prior to Injection

DESCRIPTION: Pre-Moistened Ready to Use High Quality Anti Septic Swabs

COMPOSITION:

Non-Woven Cellulose Swab, Swab Size: 30 x 60 mm
Isopropyl alcohol 70%, Double distilled water 30%,
Non-Woven, Multi-layer laminated paper.

SHELF LIFE: Five years

GENERAL INTENDED USE

It is a single use device containing 70% isopropyl alcohol used for scrubbing and cleaning in order to disinfect needless access sites prior to use, to practice safer & more secure process for injection.

ACTIVE INGREDIENT: Saturated with 70% v/v Isopropyl alcohol

INACTIVE INGREDIENT: Purified water

INSTRUCTIONS FOR USE:

1. Wear the gloves
2. Grasp the packet where "Tear here" is noted and tear the pouch. This will open the product so the swab is easily retrieved.
3. Do not unfold the swab.
4. Hold swab between thumb and index finger.
5. Wipe the injection site vigorously.
6. Allow the prepare area to dry.
7. Discard after use as per state or country laws and rules and regulations.

CONTRAINDICATION: Do not apply on irritated or hypersensitive skin, cuts, burn, wound and on mucous membrane.

WARNINGS: For external use only. Do not use in eyes. Keep out of reach of children. If swallowed, Get medical help or contact a poison control center right away.

ACCESSORIES



FEATURES OF DISPOWAY STERILE SINGLE USE 3 WAY STOP COCK

- Lipid resistant
- With two female and one male luer lock port with caps
- Leak proof
- Secure fitment
- Transparent flow channel

INTENDED USE:

- For infusion of more than one fluid at a single time.

CAUTION:

- Reuse of product may lead to cross contamination / infection.
- The use of this product is restricted to qualified medical personnel.
- Store in clean, dry & insect free place.
- Avoid exposure to acidic / corrosive fumes.

CONTRAINDICATION:

- Product should not be used in patient with known hypersensitivity to any of material used.
(Material used : Poly propylene, polycarbonate & Poly ethylene)

SHELF LIFE:

- The shelf life of the product is 5 year from the date of manufacturing.
- Conforms to : ISO 8536-04 & ISO 8536-10 standards



SCAN FOR PRODUCT VIDEO

