

DUKWOO MEDICAL

# PRODUCT CATALOG

## About us

- About DUKWOO
- History
- Quality

## Products

- IV Catheter
- Intervention
- Centesis and Drainage
- Women's Healthcare
- General Purpose Catheter



**3S** SAFE  
SHARP  
SOFT

# About Dukwoo

Since establishment in 1992, Dukwoo Medical is endeavoring for perfect quality assurance through technology research center with excellent research personnel, production line capable of quantity batch production and ISO quality management system.

Since its establishment in 1992, Dukwoo Medical has maintained consistent growth as a specialized manufacturer of catheters. Dukwoo Medical has continuously developed diverse catheters since localizing IV Catheters.

For the purpose of quality management, we not only were awarded ISO, but also try to meet quality system requirements exceeding those of CE, FDA and KGMP. Inferring from these resources and efforts, Dukwoo Medical is sure that new catheter products that will have different uses will be launched to the market in the near future and will suffice your needs.

Finally, Dukwoo Medical promises to do its best in order that the company will be the one that will meet the needs in the customer satisfaction age by supplying our products assuring the quality as well as price competitiveness.

Thank you.



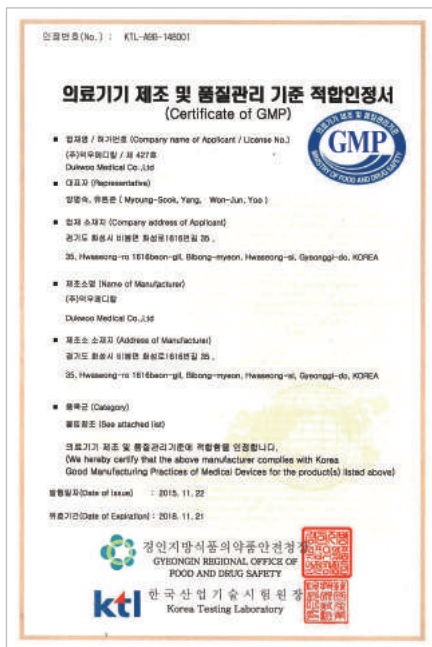
# History

Dukwoo Medical has accomplished many developments since the establishment in 1992.

2017	09	3S-Endosampler
2016	12	Expansion of clean room
2014	06	3S-Access Guide wire
2013	09	3S-Abscess Drainage Catheter
2011	11 04 04	General Purpose Catheter (PDN1010 Cath) 3S-Micro introducer Kit 3S-Percutaneous Access Kit
2010	11 10	3S-G.P.Cath/General Purpose Catheter Sheath-pia-introducer
2008	12 02	3S-Embryo Transfer Catheter was authorized to manufacture flexible endoscopic catheters
2007	05	received GMP approval (KFDA)
2006	02	moved the head office and manufacturing plant
2003	09	registered trade mark 3S-Cath (Korean Intellectual Property Office)
2002	07 06 02	was authorized to manufacture ovum pick-up needles Brand name of Dukwoo I.V.catheter was amended as 3S CATH acquired CE Mark.
1993	06	started to manufacture I.V. catheter.
1992	05	founded Dukwoo Medical

# Quality

For the purpose of quality management, we not only were awarded ISO, but also try to meet quality system requirements exceeding those of CE, FDA and KGMP.



Certificate of GMP



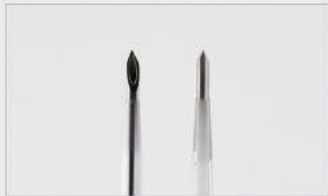
Certificate of ISO



Certificate of CE

# 3S-Cath

## IV CATHETER



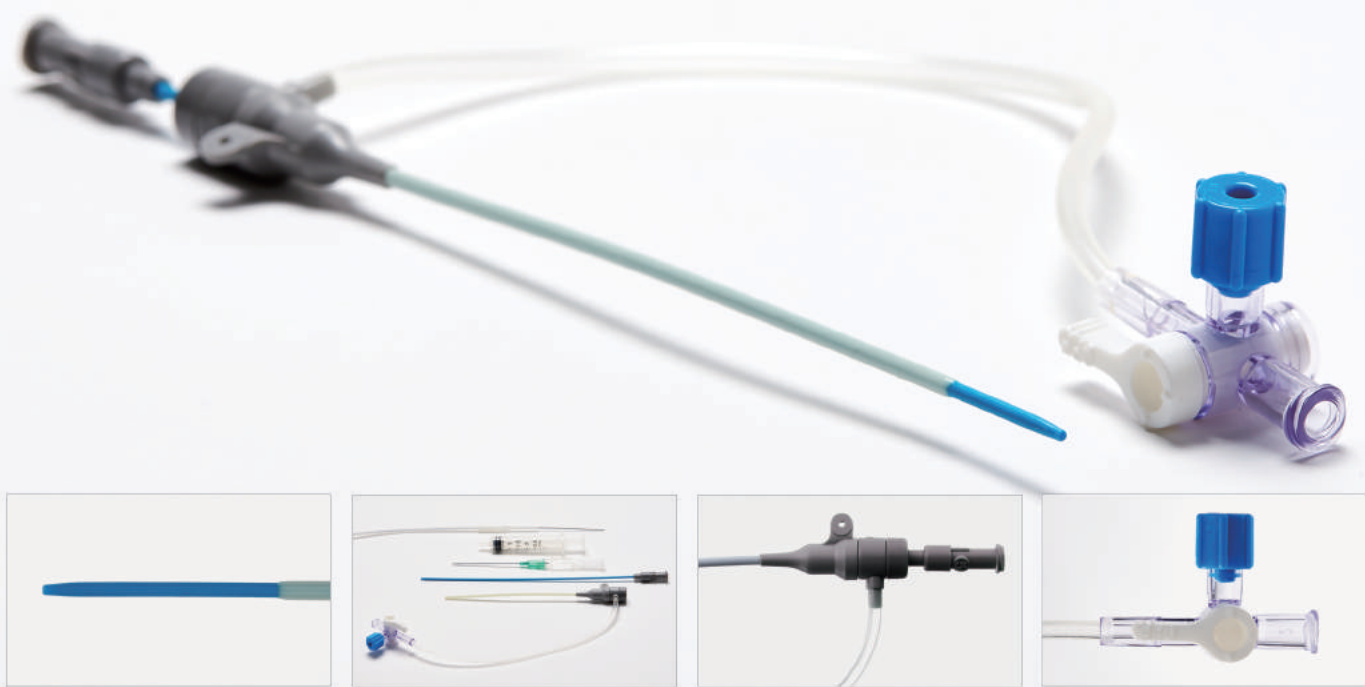
Type : Straight & Blister package  
Sterilization: EO gas sterilization  
Non-toxic and non-pyrogenic

MODEL	SPECIFICATION (Guage)	CATHETER LENGTH		COLOR CODE
		(inch)	(mm)	
3S-Cath+ 14G 51	14	2	51	ORANGE
3S-Cath+ 14G 80		3	80	
3S-Cath+ 14G 100		4	100	
3S-Cath+ 14G 150		6	150	
3S-Cath+ 16G 45	16	1 3/4	45	GREY
3S-Cath+ 16G 51		2	51	
3S-Cath+ 16G 80		3	80	
3S-Cath+ 16G 100		4	100	
3S-Cath+ 16G 150		6	150	
3S-Cath+ 18G 32	18	1 1/4	32	GREEN
3S-Cath+ 18G 45		1 3/4	45	
3S-Cath+ 18G 51		2	51	
3S-Cath+ 18G 80		3	80	
3S-Cath+ 18G 100		4	100	
3S-Cath+ 18G 150		6	150	
3S-Cath+ 20G 25	20	1	25	RED
3S-Cath+ 20G 32		1 1/4	32	
3S-Cath+ 20G 51		2	51	
3S-Cath+ 22G 19	22	3/4	19	BLUE
3S-Cath+ 22G 25		1	25	
3S-Cath+ 24G 19	24	3/4	19	YELLOW



# Sheath-Pia Introducer

for interventional access



Sheath Introducer from Dukwoo Medical is intended to provide access and facilitate the percutaneous introduction of various devices into veins and/or arteries.

- Sheath
    - Radiopaque material sheath / dilator enhances visualization.
    - Longer tapered sheath and dilator improves vascular access.
    - Reduce the vessel tissue trauma.
- Guidewire
    - Soft and flexible tip allows to access easily into the vessel.
    - Reduce the vessel tissue trauma.

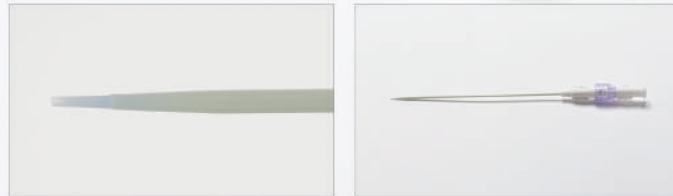
**Components :**

Sheath Introducer 1.      Dilator 1.      Guide Wire 1.      Access Needle 1.      Syringe 1.  
These components may be packaged together or separately.

MODEL	SPECIFICATION (Fr)	CATHETER LENGTH (mm)	GUIDEWIRE				I.V.CATHETER		SYRINGE	COLOR CODE
			OD (inch)	LENGTH (mm)	TYPE	TIP	OD (G)	LENGTH (mm)		
Sheath-Pia-A410	4	100	X	X	X	X	X	X	X	RED
Sheath-Pia-A510	5	100	X	X	X	X	X	X	X	GREY
Sheath-Pia-A610	6	100	X	X	X	X	X	X	X	GREEN
Sheath-Pia-A710	7	100	X	X	X	X	X	X	X	ORANGE
Sheath-Pia-A810	8	100	X	X	X	X	X	X	X	BLUE
Sheath-Pia-E410-35S	4	100	0.035	450	Plastic	Straight	18	51	O	RED
Sheath-Pia-E510-35S	5	100	0.035	450	Plastic	Straight	18	51	O	GREY
Sheath-Pia-E610-35S	6	100	0.035	450	Plastic	Straight	18	51	O	GREEN
Sheath-Pia-E710-35S	7	100	0.035	450	Plastic	Straight	18	51	O	ORANGE
Sheath-Pia-E810-35S	8	100	0.035	450	Plastic	Straight	18	51	O	BLUE
Sheath-Pia-H57	5	70	X	X	X	X	X	X	X	GREY
Sheath-Pia-H67	6	70	X	X	X	X	X	X	X	GREEN
Sheath-Pia-H77	7	70	X	X	X	X	X	X	X	ORANGE

# 3S-Micro Introducer

for interventional access



Micro Introducer from Dukwoo Medical is intended to provide access and facilitate the percutaneous introduction of various devices.

- Sheath / Dilator

- Stiffer dilator increases the durability of the device.
- Longer tapered sheath and dilator improves vascular access.
- Radio opaque material sheath and dilator enhances visualization.

- Guidewire

- Nitinol with Gold distal tip.
- Radiopaque distal tip enhances visualization.
- Soft and flexible tip allows to access easily into the vessel.
- Nitinol wire reduces kinking into the vessel.

## Components :

Micro Introducer Sheath 1. (inner dilator with outer sheath)

0.018" x 450mm Guide Wire 1.

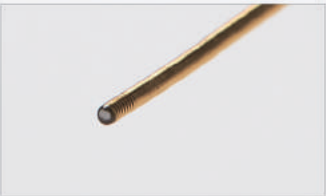
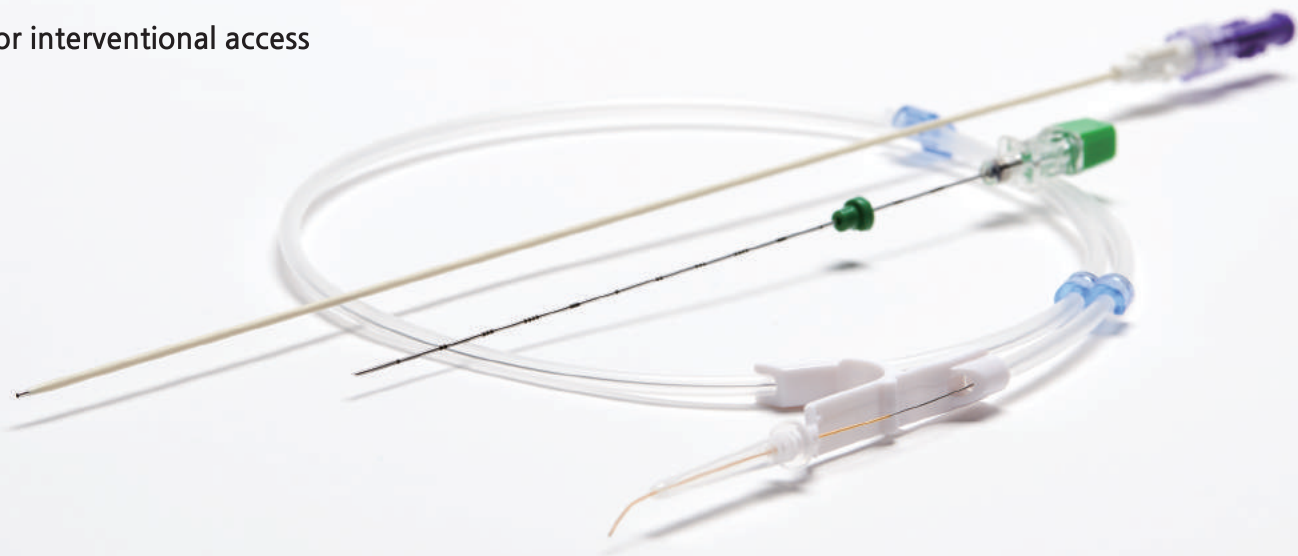
Access Needle 1.

These components may be packaged together or separately.

MODEL	SPECIFICATION (Fr)	CATHETER LENGTH (mm)	NEEDLE GUAGE (G)	NEEDLE LENGTH (mm)	GUIDEWIRE		
					OD (inch)	LENGTH (mm)	TYPE
Sheath-Pia-M410	4	100	X	X	X	X	X
Sheath-Pia-M410-18T-ang			18	70	0.018	450	angled
Sheath-Pia-M410-18T-S							Straight
Sheath-Pia-M510	5	100	X	X	X	X	X
Sheath-Pia-M510-18T-ang			18	70	0.018	450	angled
Sheath-Pia-M510-18T-S							Straight

# 3S-Percutaneous Access Introducer 5Fr

for interventional access



3S-Percutaneous Access Introducer from Dukwoo Medical is percutaneous introduction of biliary catheters, a 5F sheath assembly with stiffening stylet. This introducer allows for the introduction of 0.018” guide wire in percutaneous procedures.

**Components :**

- Introducer Sheath 1. (inner stylet with outer sheath)
  - 0.018” x 700mm Guide Wire 1.
  - Chiba Needle 1.
- These components may be packaged together or separately.  
Available in 5 French (5F x 300mm)

MODEL	SPECIFICATION (Fr)	CATHETER LENGTH (mm)	NEEDLE GUAGE (G)	NEEDLE LENGTH (mm)	GUIDEWIRE		
					OD (inch)	LENGTH (mm)	TYPE
N530-S	5	270	X	X	X	X	X
N530-22G-18T-S-70ang			22	150	0.018	700	angled
N530-21G-18T-S-70ang			21	150	0.018	700	angled



# 3S-Percutaneous Access Introducer 6Fr

for interventional access



3S-Percutaneous Access Introducer from Dukwoo Medical is percutaneous introduction of biliary catheters, a 6F sheath assembly with stiffening stylet. This introducer allows for the introduction of 0.018” guide wire in percutaneous procedures. Radiopaque marker band on the sheath

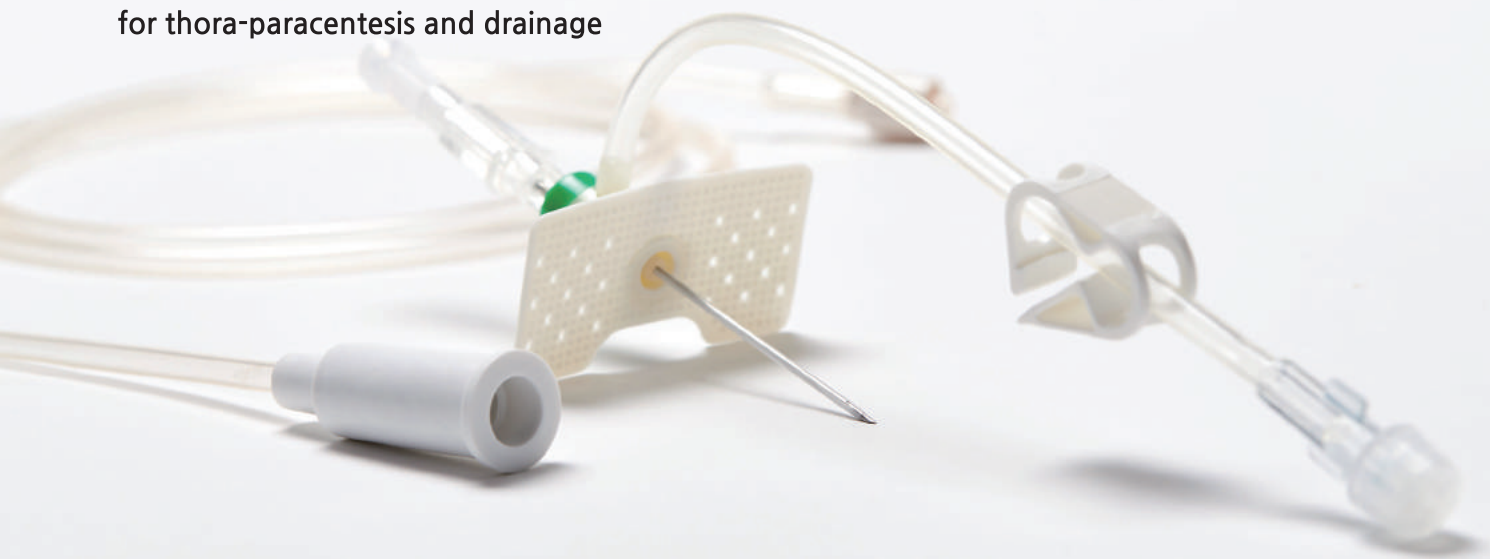
- Sheath / Dilator / Stiffening cannula
    - Stiff Cannula increases the durability of the device.
    - Longer tapered sheath ease introduction and placement.
    - Radiopaque material sheath and dilator enhances visualization.
    - Very lubricious and low friction during insertion.
    - Minimize the vessel tissue trauma and patient pain.
- Guidewire
    - Nitinol with Gold distal tip.
    - Radiopaque distal tip enhances visualization.
    - Soft and flexible tip allows to access easily into the vessel.
    - Nitinol wire reduces kinking into the vessel.

**Components :**  
Introducer Sheath 1. (stiffening cannula, dilator and sheath)  
0.018” x 600mm Guide Wire 1.  
Chiba Needle 1.  
These components may be packaged together or separately.

MODEL	SPECIFICATION (Fr)	CATHETER LENGTH (mm)	NEEDLE GUAGE (G)	NEEDLE LENGTH (mm)	GUIDEWIRE		
					OD (inch)	LENGTH (mm)	TYPE
N620-S-M	6	185	X	X	X	X	X
N620-22G-18T-60ang			22	150	0.018	700	angled
N620-21G-18T-60ang			21	150	0.018	700	angled

# 3S-A.D.Cath

for thora-paracentesis and drainage



3S-A.D.Cath from Dukwoo Medical is intended to drainage ascites.

- Components :**  
Ascites Drainage Catheter 1. (with hemostasis valve and side arm tube)  
Extension Tube 1. (1,060mm)  
These components may be packaged together or separately

MODEL	SPECIFICATION (Guage)	NEEDLE LENGTH (mm)	EXTENTION TUBE	COLOR CODE
3S-A.D.Cath-16G-45	16	45	X	GREY
3S-A.D.Cath-16G-62		62		
3S-A.D.Cath-16G-E45		45	O	
3S-A.D.Cath-16G-E62		62		
3S-A.D.Cath-18G-45	18	45	X	GREEN
3S-A.D.Cath-18G-62		62		
3S-A.D.Cath-18G-E45		45	O	
3S-A.D.Cath-18G-E62		62		

# Ovum Pick up Needle

for ovum aspiration

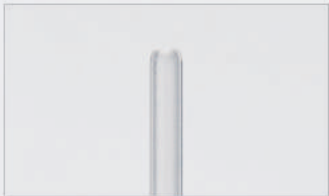


- Sharp Needle tip to minimize patient trauma.
- Echogenic needle tip enhances the visualization under ultrasound.
- The design of the handle facilitates the insertion and rotation of the needle during procedure.

MODEL	SPECIFICATION (Guage)	NEEDLE LENGTH (mm)	TUBE LENGTH (mm)	COLOR CODE
17G-5	17	350	600	RED
17G-6		350	900	
18G-1	18	350	600	PINK
18G-2		350	900	
19G-1	19	350	600	BROWN
19G-2		350	900	

# 3S-E.T.Cath

for embryo transfer



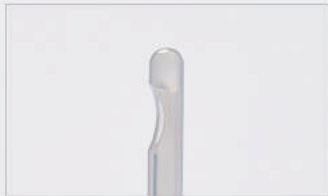
- The surface of the tube is very smooth and the tip is manufactured elaborately to prevent injury while injecting to the womb.
- The tube is kink resistance while inject or you may bend with your intended angle.
- Marking for using the adequate length when inserting.

MODEL	SPECIFICATION (Fr)	CATHETER LENGTH (mm)	COLOR CODE	REMARKS
3S-E.T.Cath-3.5	3.5	120	VIOLET	W/O Depth mark
3S-E.T.Cath-3.5-A				Depth mark
3S-E.T.Cath-5.5	5.5	100	GREEN	W/O Depth mark



# 3S-I.U.I.Cath

for intrauterine insemination



- Minimize injury while injecting.
- Smooth side hole on the tube.
- Smooth round tip of the tube.
- Smooth surface of the tube.
- Advanced accuracy of operation.
- Easy to handle with intended angle.
- Kink resistance while injecting.

MODEL	SPECIFICATION (Fr)	CATHETER LENGTH (mm)	COLOR CODE	REMARKS
3S-A.F.Cath-5,5-A100	5,5	100	ORANGE	Depth mark

# 3S-Endosampler

for endometrial sampling

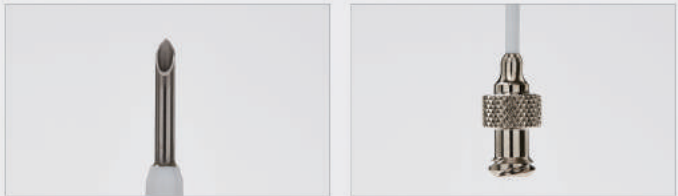


Biopsy,  
Used for Biopsy uterine contents.

MODEL	SPECIFICATION (mm)	CATHETER LENGTH (mm)	COLOR CODE	REMARKS
Biopsy-EH	3	245	WHITE	End Hole
Biopsy-S1-3				Side Hole(1ea)
Biopsy-S2-3				Side Hole(2ea)
Biopsy-ES2-3				End Hole, Side Hole(2ea)

# 3S-F.E.Cath

for urinary incontinence



Flexible Endoscopic catheter used to inject or insert drugs into the bladder and urethra using a cystoscope or endoscope.

MODEL	SPECIFICATION (Fr)	CATHETER LENGTH (mm)	NEEDLE GUAGE (G)	NEEDLE LENGTH (mm)
3S-F.E.Cath-718	7	400	18	10
3S-F.E.Cath-520	5	350	20	7
3S-F.E.Cath-5204	5	350	20	4

# 3S-Trocar Set

for spinal access



Catheter, General Purpose.  
3S-Trocar Set from Dukwoo Medical is a set of single use sterile radiopaque devices (metal, catheter and needle/trocar) intended to be used for image-guided (using live x-ray), single-puncture, percutaneous access to facilitate an interventional radiology disc decompression procedure.  
- Part used: Backbone, cervical vertebral or shoulder, leg joint of the patients.

Needle Tip : Tri facet Trocar or Blunt Tip

MODEL	SPECIFICATION (Fr / G)	CATHETER LENGTH (mm)	REMARK (Outer Tube)
PDN1010 Cath-6Fr-80	6Fr.	80	ETFE
PDN1010 Cath-6Fr-150		150	
PDN1020 Cath-16G-80	16G.	80	SUS
PDN1020 Cath-16G-150		150	
3S-16G-100	16G.	100	ETFE
3S-16G-045		45	
PDN3020 Cath-16G-80	16G.	80	SUS
PDN3020 Cath-16G-150		150	
DM4020 Cath-14G-80	14G.	80	SUS
DM4020 Cath-14G-150		150	



# 3S-G.P.Cath

for delivery medicine



MODEL	SPECIFICATION (Fr / G)	CATHETER LENGTH (mm)	REMARKS (Outer Tube)
14G-80	14G.	80	PP
3S-G.P.Cath-16G-S300	16G.	300	SUS
3S-G.P.Cath-5.5-A100	5.5Fr.	100	PP
3S-G.P.Cath-5-80	5Fr.	80	PP
3S-G.P.Cath-5Fr-80	5Fr.	80	PP
5-75	5Fr.	75	PP
5Fr-75	5Fr.	75	PP
I27G-S25	27G	25	SUS

# Facilities

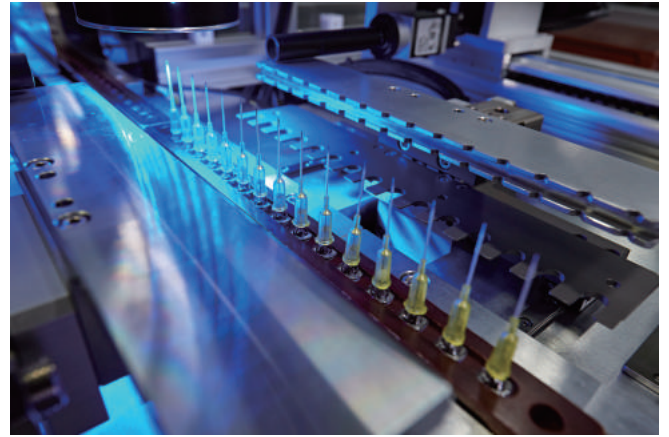
We have acquired ISO which is an international certification, and is sparing no efforts to establish the optimized quality management system by continuously improving the organization, measuring performance and measuring product quality.



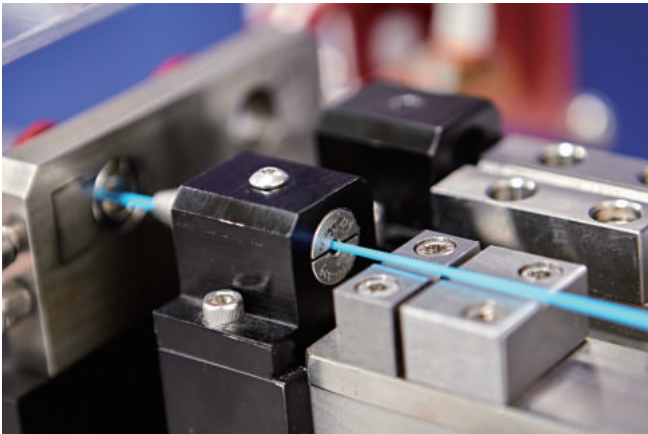




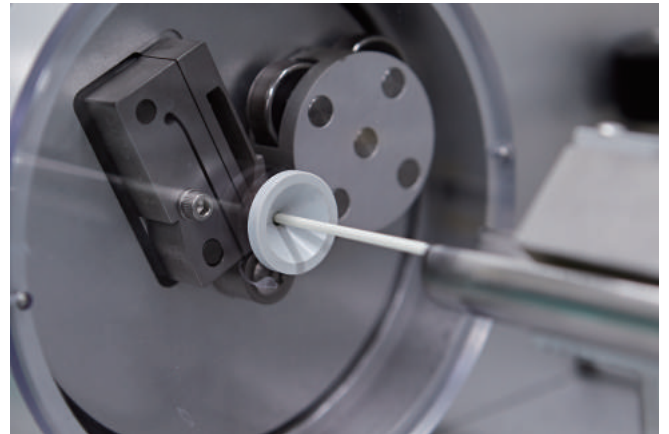
Clean room System



Automation System



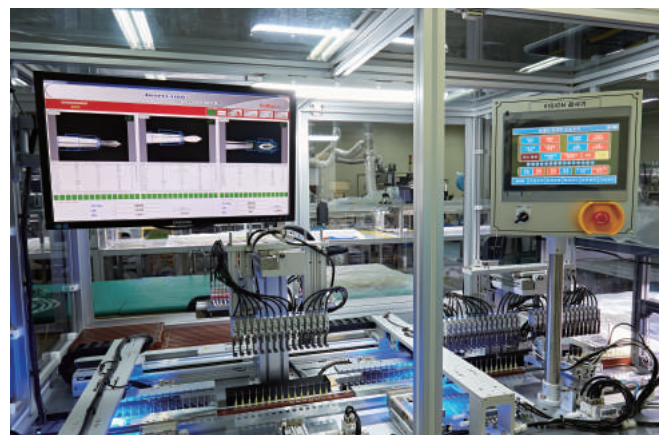
Tip Forming



Band Swaging



EO sterilizer



Auto Vision Inspection



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