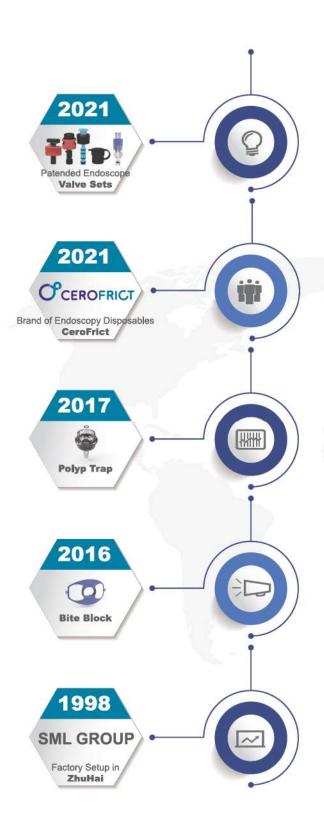
Safety · Innovative · Quality · Performance **Endoscopy Disposables**



SML Med-Tech Solutions

SML Med-Tech Solutions Limited is located in Hong Kong and the manufacturing factory is set up in ZhuHai. We are not only provide high quality products but also provide the total solutions on medical accessories that solve existing issues in the market. We are specialized in providing R&D, Manufacturing, Sales and Marketing services for our business partners.

Our factory is ISO certified and most products are CE and FDA approved. With our foreign trade experience, we are more confident to serve our clients with **Safety, Innovative, Best Quality and Excellent Performance** products and services.

CeroFrict

CeroFrict is a brand of disposable endoscopic accessories which are manufactured by SML Med-Tech Solutions Limited.

The medical accessories of CeroFrict are not the traditional products. They have **New Design and Technologies** which solve the market issues to provide the **Better Customer Satisfactions.**

Infection Prevention

Infection Control is the number one priority in hospitals and doctors' practices. It provides protection against the transmission of germs and prevents infections in patients, doctors and nursing staffs.

As one of the manufacturers of medical devices and accessories, we are very conscious of our responsibility towards our business partners and also the patients. For this reason, we would like to provide a perfect **Disposable Endoscope Accessories**.

SML Med-Tech Solutions Limited CeroFrict



CeroFrict Disposable Valves



Prevent Cross-Contamination



NO Lubricant Oil



Smooth Button Prevent Clogging



Protect Endoscope & Prevent Scratching



Prevent
Air & Water Leakage



Comfort Hand Feeling

Why NEW Generation CeroFrict Disposable Valves?

CeroFrict improves the **Performance** of the Disposable valves set. It makes the operation procedures much **Safer**, **Better** and **Easier**.

Suitable for Olympus, Pentax and FujiFilm Endoscope.



Suction Valve



CeroFrict Suction Valves offer the following benefits:

- Minimize cross-contamination concerns
- · Prevent clogging and jamming
- · Prevent auto-suction
- · Provide different hand feeling and operation experience
- Offer compatibility with Olympus, Pentax and Fujifilm endoscopes

For Pentax



- Traditional Hard Button
- · Stable Hand Feeling



- Soft Cap Protection Button
- · Excellent Hand Feeling
- Remains Hard Cap Stableness



- · Soft Cap Protection Button
- · Super Light Hand Pressing
- · Remains Hard Cap Stableness

For Olympus & Fujifilm



- 1st Generation Mechanism
- · Excellent and Precise Shaft



- 2nd Generation Mechanism
- · Protect Endoscope and Prevent Scratching





Air/Water Valve

CeroFrict Air/ Water Valves offer the following benefits:

- · Soft materials provide better hand feeling
- · Smart control with high quality materials
- · Prevent clogging and jamming

Biopsy Valve

CeroFrict Biopsy Valves offer the following benefits:



- Excellent air-tight
- Prevent water leakage that avoid cross-contaminations and infections in patients, doctors and nursing staffs



Auxiliary Water Connector

CeroFrict Auxiliary Water Connector offer the following benefits:

- Easy and tight connection design
- Prevent water leakage that avoid cross contaminations and infections in patients, doctors and nursing staffs



Pentax

For Pentax 90/ i10 Series GI Endoscopes

Suction, Air/ Water, Biopsy Valves, Auxiliary Water Connector



2nd Generation Suction Valve Prevent Jamming, Hard Button

SML001-PT01

50 Sets/ Box



2nd Generation Suction Valve Prevent Jamming, Channel Protection, Soft Button

SML001-PT02

50 Sets/ Box



2nd Generation Suction Valve Prevent Jamming, Channel Protection, Extra Soft Button

SML001-PT03

50 Sets/ Box

Suction, Air/ Water, Biopsy Valves



2nd Generation Suction Valve Prevent Jamming, Hard Button

SML001-PT04

50 Sets/ Box



2nd Generation Suction Valve Prevent Jamming, Channel Protection, Soft Button

SML001-PT05

50 Sets/ Box



2nd Generation Suction Valve Prevent Jamming, Channel Protection, Extra Soft Button

SML001-PT06

50 Sets/ Box

Suction, Air/ Water Valves



2nd Generation Suction Valve Prevent Jamming, Hard Button

SML001-PT07

50 Sets/ Box



2nd Generation Suction Valve Prevent Jamming, Channel Protection, Soft Button

SML001-PT08

50 Sets/ Box



2nd Generation Suction Valve Prevent Jamming, Channel Protection, Extra Soft Button

SML001-PT09

50 Sets/ Box

Biopsy Valve



Air-Tight and Prevent Leakage

SML001-PT10

100 Sets/ Box

Auxiliary Water Connector



Air-Tight and Prevent Leakage

SML001-PT11



Olympus

For Olympus 140/ 160/ 180/ 190/ 240/ 260/ 290 Series GI Endoscopes

Suction, Air/ Water, Biopsy Valves, Auxiliary Water Connector



1st Generation Suction Valve with Precise Shaft

SML002-LP01

50 Sets/ Box



2nd Generation Suction Valve Prevent Scratching

SML002-LP02

50 Sets/ Box

Suction, Air/ Water, Biopsy Valves



1st Generation Suction Valve with Precise Shaft

SML002-LP03

50 Sets/ Box



2nd Generation Suction Valve Prevent Scratching

SML002-LP04

50 Sets/ Box

Suction, Air/ Water Valves



1st Generation Suction Valve with Precise Shaft

SML002-LP05

50 Sets/ Box



2nd Generation Suction Valve Prevent Scratching

SML002-LP06

50 Sets/ Box

Biopsy Valve



Air-Tight and Prevent Leakage

SML002-LP07 100 Sets/ Box

Auxiliary Water Connector



Air-Tight and Prevent Leakage

SML002-LP08



Fujifilm

For Fujifilm 700 Series GI Endoscopes

Suction, Air/ Water, Biopsy Valves, Auxiliary Water Connector



1st Generation Suction Valve with Precise Shaft

SML003-FJ01

50 Sets/ Box



2nd Generation Suction Valve Prevent Scratching

SML003-FJ02

50 Sets/ Box

Suction, Air/ Water, Biopsy Valves



1st Generation Suction Valve with Precise Shaft

SML003-FJ03

50 Sets/ Box



2nd Generation Suction Valve Prevent Scratching

SML003-FJ04

50 Sets/ Box

Suction, Air/ Water Valves



1st Generation Suction Valve with Precise Shaft

SML003-FJ05

50 Sets/ Box



2nd Generation Suction Valve Prevent Scratching

SML003-FJ06

50 Sets/ Box

Biopsy Valve



Air-Tight and Prevent Leakage

SML003-FJ07

100 Sets/ Box

Auxiliary Water Connector



Air-Tight and Prevent Leakage

SML003-FJ08



Air/ Water Channel Cleaning Adapter



For Pentax 90/ i10 Series GI Endoscopes

SML001-PT12

150 Sets/ Box



For Olympus 140/ 160/ 180/ 190/ 240/ 260/ 290 Series GI Endoscopes

SML002-LP09

150 Sets/ Box



For Fujifilm 700 Series GI Endoscopes

SML003-FJ09



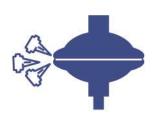
CeroFrict Disposable Polyp Trap



Safety Lock



Prevent Water Leakage



Prevent Air Leakage



Prevent Cross-Contamination

Why CeroFrict Polyp Trap?

CeroFrict Polyp Trap fulfills different needs in the operation procedure. It is **Quality** product to effectively **Capture**, **Collect** and **Reduce** the contamination of the samples.





Single Chamber Polyp Trap

CeroFrict Single Chamber Polyp Trap offer the following benefits:

- Precise product design to prevent water and air leakage
- Single-use device minimizes the risk of crosscontamination
- Structure with user-friendly design, on Trap Body and Cover
- Quick visual verification of polyp specimens



Precise Air Tight

- Minimize water and air leakage during operation
- Enhanced safety to prevent the contamination



Flip Cover

- Non-Screwing one-click open and close cover
- Better efficiency during operation procedure



"Click and Go"

- Excellent and precise hand feeling and click sound when rotate to chambers
- · More effective to ensure the right position



Polyp Protective Cover

- Ensure polyps remain inside the filter
- · Better experience to collect polyps



Polyp Trap

For high quality clinical needs of polyp retrieval



Single Chamber Polyp Trap (Non-Sterile)

SML004-PY01

40 pcs/ Box



4-Chamber Polyp Trap (Non-Sterile)

SML004-PY02

25 pcs/ Box



Single Fast Access Chamber Polyp Trap (Non-Sterile)

SML004-PY03

25 pcs/ Box



CeroFrict Disposable Bite Block



Softer Bite Plate



Better Dental Protection



Why CeroFrict Bite Block?

CeroFrict Bite Block designed with a special and softer bite plate that provide more comfortable and protection during operation procedures.

With or without dental rim.



Bite Block

CeroFrict Bite Block offer the following benefits:



- Structure with patient and dental concerning design
- · Soft woven strap for better patient comfort
- Large and flexible openings for better protection, easy operation, convenient manipulation
- · Latex free
- Elastic strap with adjustable length (from width 3.5cm - 0.6cm)



Malleable Frame

- · Large and Flexible Opening
- · Easy Operation



Silicon Dental Rim

- · Better Comfort
- · More Protection on Teeth



Contoured Edge

- · Contoure Edge
- · Greater Patient Comfort



Tailor Made Shape

- · Will not block the nose of patient
- · Fit for different needs



Bite Block

More comfortable and protectection during operation procedures



Bite Block (Small Face) with Strap and Dental Rim (Adult, Calibre: 27mm x 21mm, Non-Sterile)

SML005-BB01

50 pcs/ Box



Bite Block (Large Face) with Strap and Dental Rim (Adult, Calibre: 27mm x 22mm, Non-Sterile)

SML005-BB02

50 pcs/ Box



Bite Block with Strap and Dental Rim (Pediatric, Calibre: 19,5mm x 16mm, Sterile)

SML005-BB03

50 pcs/ Box



Bite Block with Oxygen Pipe, Strap and Dental Rim (Calibre: 25mm x 21mm, Sterile)

SML005-BB04

50 pcs/ Box



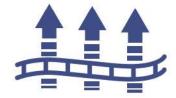
CeroFrict Disposable Tip Protector



One for Different Size



Open Design Better Drying



Soft
Protective Material

Why CeroFrict Tip Protector?

CeroFrict Tip Protector prevent distal tip damage of flexible endoscopes during the storage and transport. Features with a simple and convenient design.

One Tip Protector to fit many types of flexible endoscope.

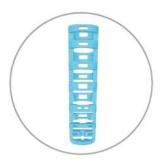


Tip Protector

CeroFrict Tip Protector offer the following benefits:



- High Compatibility design is compatible for different size of distal tip of flexible endoscopes.
- Minimize contact with other objects to prevent cross-contamination.
- Enable effective drying and airflow with an open design.
- · Single use/ disposable design.



High Compatibility

- · Suitable for different endoscope
- Fit for equipment with diameter from 2.5mm to 14mm



Soft Protective Material

- · Effective absorb damage
- · Fully protect distal tip



Open Design

- Better channel and distal tip drying
- · Prevent cross-contamination



User Friendly Shape

- Easy placement and removal
- · Minimal contact on endoscope



Tip Protector

Protective barrier around the distal tip of flexible endoscopes



Tip Protector (Non-Sterile)

SML007-TP01

75 pcs/ Box



CeroFrict Protective Liner



Cost Effective



High and Tough Quality



Easy to Install

Why CeroFrict Protective Liner?

CeroFrict Protective Liner is designed to provide more safety and prevent cross-contamination on patients and staffs.

Efficient clean and transport of medical accessories.





Protective Liner

CeroFrict Protective Liner offer the following benefits:

- · Cost Effective with Easy to install design.
- Prevent cross-contamination during transporting medical accessories and devices.
- · High Quality and Tough material.
- · Sterile and single use.







Easy to Install

- · Suitable for protecting medical devices and accessories.
- · With two size to fit for different tray
- Tight-Lock design to ensure firmly cover the tray



Protective Liner

Better protect and prevent cross-contamination during operation procedures



Protective Liner (Set with Clear, Clean & Contaminated) (64cm x 53cm, For Large Transportation Tray)

SML011-PL01 60 pcs/ Box



Protective Liner (Set with Clear, Clean & Contaminated) (42.5cm x 56.5cm, For Small Transportation Tray)

SML011-PL02 60 pcs/ Box



Reusable Transportation Tray and Lid

SML011-PL03 1 pcs/ B



CeroFrict Distal Attachment

Why CeroFrict Distal Attachment?

CeroFrict Distal Attachment is designed to maintain a better field of view during the endoscopic procedure.

Widely used in **EMR, ESD, POEM** surgeries and colonoscopy procedure.



Clear View

· Ensure the clear view



Soft Material

- · Protect patients and absorb damage
- Fully protect distal tip



High Compatibility

· Fit for different model of equipment



Distal Attachment

Maintain better view and protect patients during operation procedures

CeroFrict Distal Attachment offer the following benefits:

- · Provide more working space for surgery.
- · Maintain the good field of view of endoscopic procedure.
- Help to unfold the colon.
- · Be aware of distance between tissue and distal tip.
- · Protect and ensure safety of patients.



Product Code	Dista l Size (mm)	Working Distance (mm)	For Endoscope Model
XT-DL-092-40	9.0 - 9.2	4.0	GIF-Q260, GIF-H190; EG-2790K, EG-2770
XT-DL-098-40	9.6 - 9.8	4.0	GIF-H260, GIF-H180, GIF-HQ190, PCF-PH190L/I
XT-DL-099-40	9.7 - 10.1	4.0	EC-2990Li, EC-2990Fi, EC-2990Mi, EG-2990K
XT-DL-105-40	10.3 - 10.7	4.0	PCF-Q260J; EC-3490TLi, EG-2990Zi, EG-2990K
XT-DL-108-40	10.6 - 11.0	4.0	GIF-H260Z; EG-2990i; EG-590ZW, EG-450CT5
XT-DL-115-40	11.3 - 11.7	4.0	PCF-H180AI/L, PCF-H190DL/I/ ; EG-3470K, EC-3470MK/FK/LK, EG-3490K, EC-3490FK/Fi/LK, EG-450D5/
XT-DL-118-40	11.6 - 12.0	4.0	GIF-2T240
XT-DL-122-40	12.0 - 12.4	4.0	CF-Q260A, CF-Q260D
XT-DL-128-40	12.6 - 13.0	4.0	EC-3890LZ/ FZ/ MZ, EC-380LKp, EC-250WM5, EC-590WM/ZW, EC-530WM/WI, EC-450M5/WI5
XT-DL-132-40	13.0 - 13.4	4.0	CF-Q180AL/I. CF-H190L/I, CF-HQ190L/I; EC-3890TFK/TLK, EC-3890Mi/Fi/Li, EC-3890TK
XT-DL-148-40	14.6 - 15.0	4.0	CF-H260AZL/I



CeroFrict Biopsy Forceps

Why CeroFrict Biopsy Forceps?

CeroFrict Biopsy Forceps is designed to sample the tissue in digestive and respiratory tracts during the endoscopic procedure.

With **Oval** or **Alligator Cup**. With or without Spike. With coated or uncoated.





Biopsy Forceps

Sample the tissue in digestive and respiratory tracts

CeroFrict Biopsy Forceps offer the following benefits:

- · Special cup off more successful sampling.
- Excellent polishing provide less friction in endoscope working channel.
- Reinforce connection design make excellent and steady performance.

Product Code	Working Channel (mm)	Diameter (mm)	Working Length (mm)	Туре	Picture
SML015-BF01	≧1.8	1.6	1200	Oval Cup, Uncoated	
SML015-BF02	≧2.0	1.8	1200	Oval Cup, Uncoated	
SML015-BF03	≧2.0	1.8	1200	Oval Cup, Coated	1
SML015-BF04	≧2.0	1.8	1600	Oval Cup, Uncoated	
SML015-BF05	≧2.0	1.8	1600	Oval Cup, Coated	
SML015-BF06	≧2.8	2.3	1800	Oval Cup, Uncoated	
SML015-BF07	≧2.8	2.3	1800	Oval Cup, Coated	Water State of the
SML015-BF08	≧2.8	2.3	2300	Oval Cup, Uncoated	
SML015-BF09	≧2.8	2.3	2300	Oval Cup, Coated	
SML015-BF10	≧2.8	2.3	1600	Oval Cup, Spike, Uncoated	a
SML015-BF11	≧2.8	2.3	1600	Oval Cup, Spike, Coated	
SML015-BF12	≧2.8	2.3	1800	Oval Cup, Spike, Uncoated	0
SML015-BF13	≧2.8	2,3	1800	Oval Cup, Spike, Coated	
SML015-BF14	≧2.8	2.3	2300	Oval Cup, Spike, Uncoated	A CONTRACTOR OF THE PARTY OF TH
SML015-BF15	≧2.8	2.3	2300	Oval Cup, Spike, Coated	
SML015-BF16	≧2.0	1.8	1200	Alligator Cup, Uncoated	
SML015-BF17	≧2.0	1.8	1200	A l igator Cup, Coated	
SML015-BF18	≧2.0	1.8	1600	Alligator Cup, Uncoated	
SML015-BF19	≧2.0	1.8	1600	Aligator Cup, Coated	E
SML015-BF20	≧2,8	2.3	1600	Alligator Cup, Uncoated	
SML015-BF21	≧2,8	2.3	1600	Aligator Cup, Coated	
SML015-BF22	≧2.8	2.3	1800	Alligator Cup, Uncoated	
SML015-BF23	≧2.8	2.3	1800	Alligator Cup, Coated	
SML015-BF24	≧2.8	2.3	2300	Alligator Cup, Uncoated	
SML015-BF25	≧2.8	2.3	2300	A l igator Cup, Coated	
ingen and a state of the state					
SML015-BF26	≧2.8	2.3	1600	Alligator Cup, Spike, Uncoated	
SML015-BF27	≧2.8	2.3	1600	Alligator Cup, Spike, Coated	of _
SML015-BF28	≧2.8	2.3	1800	Alligator Cup, Spike, Uncoated	0. 1.
SML015-BF29	≧2.8	2.3	1800	Alligator Cup, Spike, Coated	Illino
SML015-BF30	≧2.8	2.3	2300	Alligator Cup, Spike, Uncoated	Million
SML015-BF31	≧2.8	2.3	2300	Alligator Cup, Spike, Coated	



CeroFrict Grasping Forceps

Why CeroFrict Grasping Forceps?

CeroFrict Grasping Forceps is designed to graspe and remove foregin bodies from digestive tract.

With Net, Alligator Teeth, Prongs and Basket.



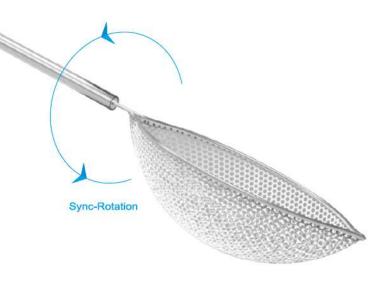


Disposable Grasping Forceps (Net)

Graspe and remove foregin bodies from digestive tract

CeroFrict Grasping Forceps offer the following benefits:

- Exact Sync-Rotation make more convenient.
- Reinforced net design offer more steady performance.





Product Code	Working Channel (mm)	Diameter (mm)	Working Length (mm)	Net Size (mm)
SML016-GN01	≧2.0	1.8	1200	20
SML016-GN02	≧2.0	1.8	1600	20
SML016-GN03	≧2.8	2.3	1600	20
SML016-GN04	≧2.8	2.3	1600	30
SML016-GN05	≧2.8	2.3	1600	40
SML016-GN06	≧2.8	2.3	1800	20
SML016-GN07	≧2.8	2.3	1800	30
SML016-GN08	≧2.8		1800	40
SML016-GN09	≧2.8	2.3	2300	20
SML016-GN10	≧2.8		2300	30
SML016-GN11	≧2.8	2.3	2300	40



Disposable Grasping Forceps

Remove foreign body from disgestive tract

CeroFrict Grasping Forceps offer the following benefits:

- Wide open jaw head help to firmly remove irregular foreign bodies.
- Two heads for different foreign bodies.





Product Code	Working Channel (mm)	Diameter (mm)	Working Length (mm)	Туре
SML017-GF01	≧2.0	1.8	800	Alligator Teeth
SML017-GF02	≧2.0	1.8	1200	Alligator Teeth
SML017-GF03	≧2.0	1.8	1600	Alligator Teeth
SML017-GF04	≧2.3	2.3	1600	Alligator Teeth
SML017-GF05	≧2.3	2.3	2300	Alligator Teeth
SML017-GF06	≧2.8	2.3	1600	3 Prongs
SML017-GF07	≧2.8	2.3	2300	3 Prongs
SML017-GF08	≧2.8	2.3	1600	4 Prongs
SML017-GF09	≧2,8	2.3	2300	4 Prongs
SML017-GF10	≧2.8	2.3	1600	5 Prongs
SML017-GF11	≧2.8	2.3	2300	5 Prongs

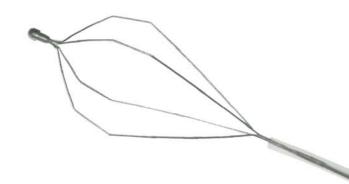


Disposable Grasping Forceps (Basket)

Removal foreign bodies in upper and lower digestive tract

CeroFrict Grasping Forceps offer the following benefits:

- Excellent rotation performance and control operation feeling.
- · Special materials make excellent shape retention.



Product Code	Working Channel (mm)	Diameter (mm)	Working Length (mm)	Basket Size (mm)
SML018-GB01	≧2.0	1.8	800	20
SML018-GB02	≧2.0	1.8	800	30
SML018-GB03	≧2.0	1.8	800	40
SML018-GB04	≧2.0	1.8	1200	20
SML018-GB05	≧2.0	1.8	1200	30
SML018-GB06	≧2.0	1.8	1200	40
SML018-GB07	≧2.0	1.8	1600	20
SML018-GB08	≧2.0	1.8	1600	30
SML018-GB09	≧2.0	1.8	1600	40
SML018-GB10	≧2.8	2.3	1600	20
SML018-GB11	≧2.8	2.3	1600	30
SML018-GB12	≧2.8	2,3	1600	40
SML018-GB13	≧2.8	2.3	1800	20
SML018-GB14	≧2.8	2,3	1800	30
SML018-GB15	≧2.8	2.3	1800	40
SML018-GB16	≧2.8	2.3	2300	20
SML018-GB17	≧2.8	2.3	2300	30
SML018-GB18	≧2.8	2.3	2300	40



CeroFrict Polypectomy Snare

Why CeroFrict Polypectomy Snare?

CeroFrict Polypectomy Snare is designed to remove lesions in digestive tract, even in difficult positions.





Disposable Polypectomy Snare

Cut redundant tissue and polyps in the digestive tract

CeroFrict Polypectomy Snares offer the following benefits:

- Strengthened medical braided wire provides the smooth and precise cutting and electric coagulation.
- Loop rotate ensures highly efficiency and convenient clinical operation.
- Standard power connection, compatible with all main high-frequency devices on the market.

Product Code	Working Channel (mm)	Diameter (mm)	Working Length (mm)	Snare Diameter (mm)
SML019-PS01	≧2.0	1.8	2300	10
SML019-PS02	≧2.0	1.8	2300	15
SML019-PS03	≧2.0	1.8	2300	20
SML019-PS04	≧2.0	1.8	2300	25
SML019-PS05	≧2.0	1.8	2300	30
SML019-PS06	≧2.0	1.8	2300	35
SML019-PS07	≧2.0	1.8	2300	40
SML019-PS08	≧2,0	1,8	1600	10
SML019-PS09	≧2.0	1.8	1600	15
SML019-PS10	≧2.0	1.8	1600	20
SML019-PS11	≧2.0	1.8	1600	25
SML019-PS12	≧2.0	1.8	1600	30
SML019-PS13	≧2.0	1.8	1600	35
SML019-PS14	≧2.0	1.8	1600	40
		AV. 80		
SML019-PS15	≧2.8	2.3	2300	10
SML019-PS16	≧2.8	2.3	2300	15
SML019-PS17	≧2.8	2,3	2300	20
SML019-PS18	≧2.8	2.3	2300	25
SML019-PS19	≧2.8	2.3	2300	30
SML019-PS20	≧2.8	2.3	2300	35
SML019-PS21	≧2.8	2.3	2300	40
SML019-PS22	≧2.8	2.3	1600	10
SML019-PS23	≧2.8	2.3	1600	15
SML019-PS24	≧2.8	2.3	1600	20
SML019-PS25	≧2.8	2.3	1600	25
SML019-PS26	≧2.8	2.3	1600	30
SML019-PS27	≧2.8	2.3	1600	35
SML019-PS28	≧2.8	2.3	1600	40



Endoscopy Disposables
Safety · Innovative · Quality · Performance



