Electric Surgery

SMOKE EVACUATION UNIT

LAPAROSCOPIC SMOKE EVACUATION DEVICES
Passive / Active / Tube

SMOKE EVACUATION PENCIL
Economy / Telescopic / Dual Extension

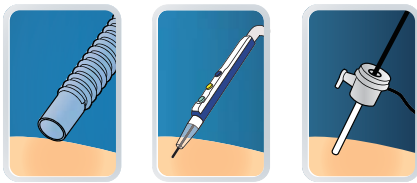**ESU PENCIL**
Ergonomic

PROPLATE
PROPLATE / Cable

Contents

Eva*Q*Max

Smoke Free Evacuation

Procedure Operating Modes

The desire procedure can be set simply by touching the corresponding image. Automatically customizing suction default level based on desired surgical procedure.

Longer Lasting Filter Life (up to 50 Hours)

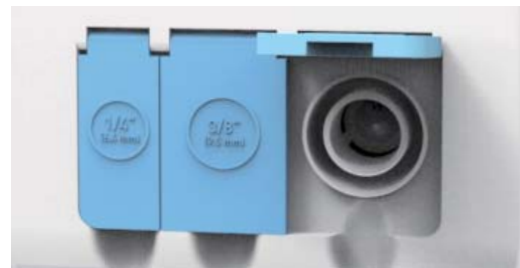Can save on running costs.

Touch Screen

The touch screen panel can be operated while wearing gloves.

Multi Port Design

Three different sized connection ports are designed to create an air-tight bond with the desired port. The port cover cap eliminates any possible contamination with the glove when connecting the hose to the unit.

Technical Specification

Item	Specification
Noise Levels (Nominal Values)	Maximum power < 55 dBA
Dimensions (H x W x D)	6 in x 11 in x 15.5 in (15.2 cm x 27.9 cm x 39.4 cm)
Flow Rates	35 cfm (991 lpm) using 7/8 in (22 mm) tubing
Weight	With filter installed: 12.0 lbs (5.0 kg) Without filter installed: 9.5 lbs (4.0 kg)
Certifications	CE, FDA
Warranty	Three (3) Years Full Warranty
Multi Port	1/4 in (6.4mm), 3/8 in (9.5mm), 7/8 in (22mm)

Model	Product Description	Included	Packaging Info.
EQM-U	EvaQMax™ Electro Surgical Evacuator (Without filter, Includes one footswitch)	-	1 / each
EQM-CAF	EvaQMax™ Filter, Multi ports design with ULPA filter	Optional	4 / Case
EQM-A	EvaQMax™ Auto, Automatic Activation Device	Optional	40 / Case
EQM-FT	EvaQMax™ Fluid Trap, 7/8 in (22 mm) and 1/4 in (6.4 mm) tubing connection ports	Optional	20 / Case

Accessories

Foot-switch (Included)   Automatic Activation Device (Optional)   Fluid Trap (Optional)

Bio Protech currently offers Laparoscopic smoke evacuation unit, tubing and accessories that are used in Laparoscopic OR. We currently do not offer insufflators at this time .
Our current Laparoscopic product can be configured and used in 4 different ways as follows;

PASSIVE
MODEL : PSF3

Recommendation to use :
Simple use without smoke evacuation devices

How to use :
Connect to trocar only

· ULPA filter integrated.
· Fluid Trap is built in.
· Compatible to all standard luer lock fittings.

Passive type removes smoke & vapor automatically from the abdominal cavity. It is self-working smoke evacuation device and no required any evacuator or suction device. It allows the safest way to maintain the pneumoperitoneum while the smoke evacuation is being performed during laparoscopic surgery.

ACTIVE VOLUME CONTROL
MODEL : ASF3

Recommendation to use :
When OR has wall suction to remove smoke through the suction canister.

How to use :
Connect to trocar on one side
Connect to canister of wall suction on the other side
Dial volume controller to adjust air flow

· ULPA filter integrated
· Fluid Trap is built in
· Air flow controller
· Compatible to all standard luer lock fittings and suction system.

Active Volume Control is connected to the trocar on one side to evacuate smoke created from Laparoscopic surgery and connected to the canister on the other side to create the desired air flow by mounted volume controller on Active Volume Control.

ACTIVE IN-LINE FLUID TRAP & FILTER
MODEL : ASFN3

Recommendation to use :
When OR has a laparoscopic surgery insufflator with smoke suction function
and/or portable suction that has volume control system.

How to use :
Connect to trocar on one side
Connect to smoke suction

- ・ No air control dial (Air flow is controlled by suction unit)
- ・ ULPA filter integrated
- ・ Fluid trap is built in
- ・ Compatible to all standard luer lock fittings and smoke suction unit

It is ideal to use when the OR has suction unit already, but needs filtration and fluid trap additionally. Smoke particles are filtered and moisture is managed through fluid trap.

ACTIVE IN-LINE FLUID TRAP
MODEL : ASFT03

Recommendation to use :
When OR has automated smoke evacuator with filter and do not want to use wall suction.

How to use :
Connect to trocar on one side
Connect to smoke evacuator which has filter in it on the other side

- ・ Fluid Trap is built in.
- ・ No filtration
- ・ No air control dial
  (Desired air flow is created by smoke evacuator)

Sterile surgical smoke management tubing that has built in fluid trap. Its one side is connected to trocar and the other side goes to smoke evacuator with filter. It is capable to manage fluid and air flow is controlled by smoke evacuator during laparoscopic surgery.

TUBE
MODEL : TS3 , TV3, TO3

TS3

TV3

TO3

Recommendation to use :
When OR has automated smoke evacuator with filter and do not want to use wall suction.

How to use :
Connect to trocar on one side
Connect to smoke evacuator which has filter in it on the other side

· TS3 : Laparoscope Smoke Evacuation Tube Set
· TV3 : Laparoscope Smoke Evacuation Tube setting with Control Valve
· TO3 : Laparoscope Smoke Evacuation Tube setting with Flow Restrictor

It can be used as a second best option with TS3, TV3, TO3 Tube + Fluid trap.
In terms of price, TS3, TV3, TO3 + Fluid trap is slightly more expensive than Active in Line, but it is superior in its performance.

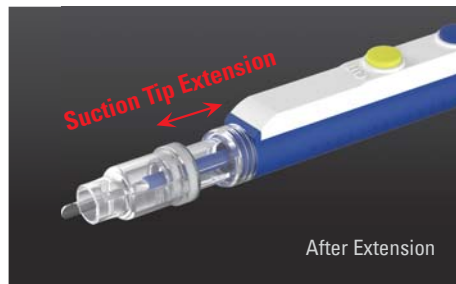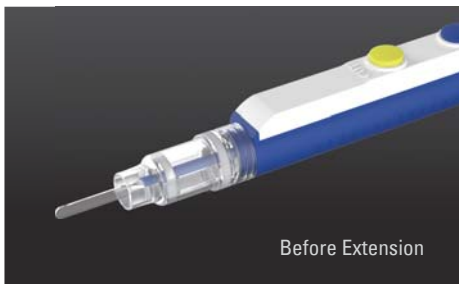## EQM-U SMOKE EVACUATOR + EQM-FT(FLUID TRAP)

Product Code	ULPA Filter	Fluid Trap	Volume Controller	Connect A	Connect B	Hose Length
PSF2	O	O	O	Trocar	None Independently use No need to connect to other devices	1.6' Hose
ASFN3	O	O	O	Trocar	Canister of Wall suction	10' Hose
ASF3	O	O	X	Trocar	Smoke suction unit and/or Portable suction	10' Hose
ASFTO3	X	O	X	Trocar	Smoke evacuator with filter	10' Hose
TS3	X	X	X	Trocar	Smoke evacuator with filter and Fluid Trap	10' Hose
TV3	X	X	Control valve	Trocar	Smoke evacuator with filter and Fluid Trap	10' Hose
TO3	X	X	X	Trocar	Smoke evacuator with filter and Fluid Trap	10' Hose

COST EFFECTIVE & SIMPLE USE
NON EXTENDABLE TYPE

EXTENSION OF THE SUCTION TIP ALLOWS MAXIMUM SMOKE EVACUATION

Before Extension

Suction Tip Extension

After Extension

Hold the suction tip and slide it as close as possible to the blade in order to maximize the suction capacity.

| Model	Product Description	Cable Length	Packaging Info.
EvEC	Non-Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	10' Cable	1 pc / Pack 10 pcs/ Box 4 Boxes / Case
EvEC-5	Non-Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	16' Cable	
EvECI	Non-Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	10' Cable	
EvECI-5	Non-Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	16' Cable	

Non-Stick Blade – Easy to Clean

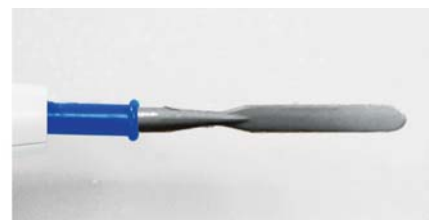Ceramic coated blade is specially designed for easy cleaning after cutting and coagulation.
The blade is not flammable, inhibitsnoxious gasses, bio-compatible to the skin and extremely durable when using higher wattages.


Before use
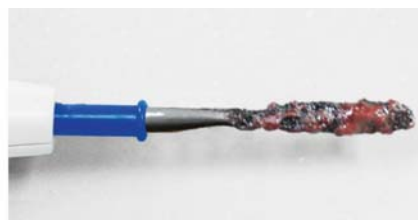
After use in 50W

Easy cleaning with one swipe

Telescopic Smoke Evacuation Pencil

ONE TOUCH BUTTON
EXTENDABLE TELESCOPIC TYPE

The easiest way to extend the length

1. Ability to keep focus on the surgery area even when extending the length.
2. Easy extension and retraction of suction tube with blade attachment.
3. Thin, light weight design provides comfortable usage for surgeons.
4. Superior suction capability.

Cut Button

Coagulation Button

Telescopic Extension
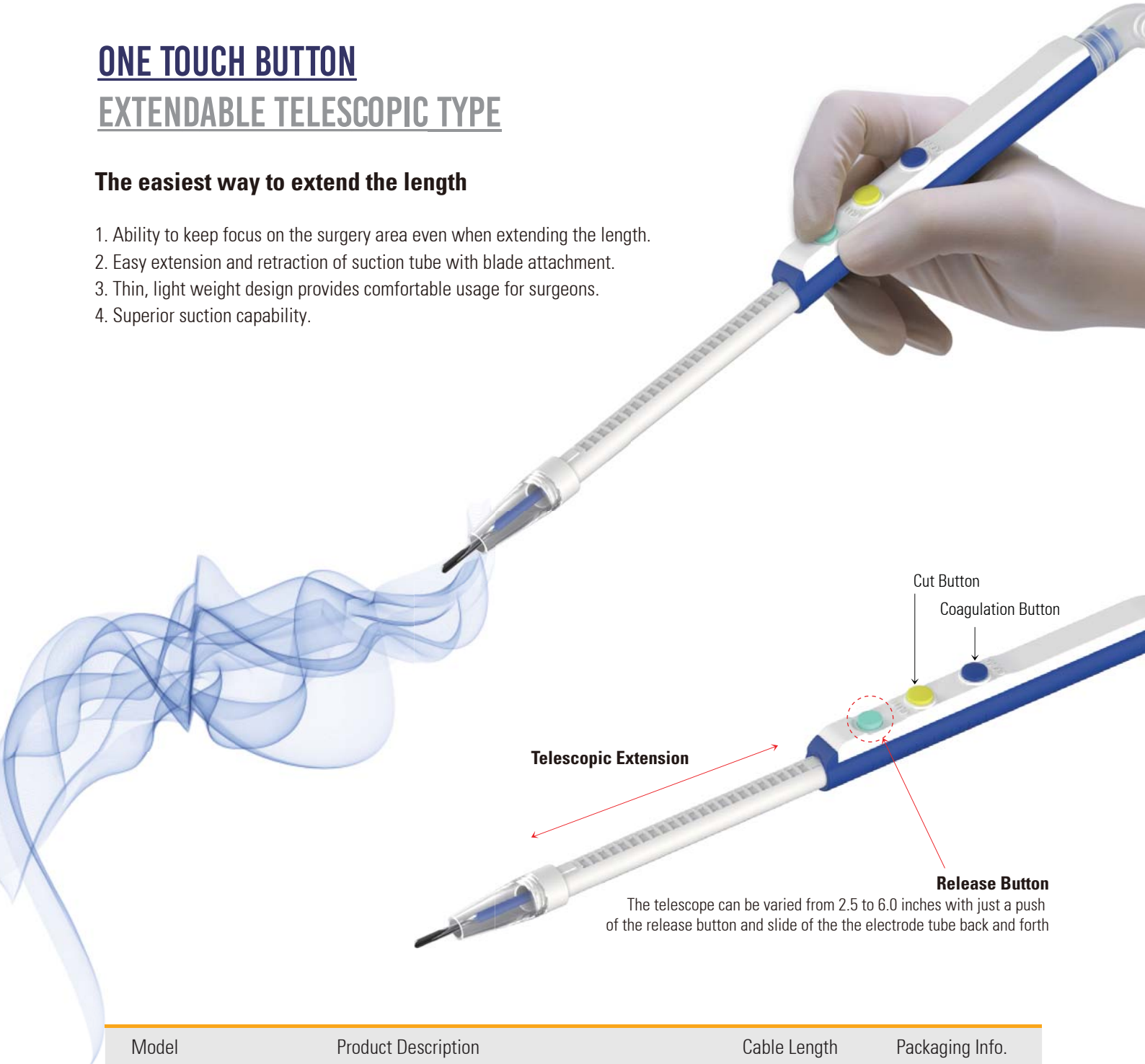
Release Button
The telescope can be varied from 2.5 to 6.0 inches with just a push
of the release button and slide of the the electrode tube back and forth

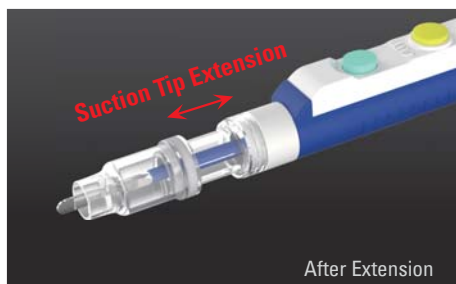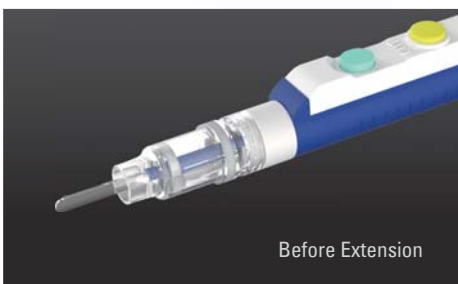| Model	Product Description	Cable Length	Packaging Info.
EvST	Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	10' Cable	1 pc / Pack 10 pcs/ Box 4 Boxes / Case
EvST-5	Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	16' Cable	
EvSTI	Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	10' Cable	
EvSTI-5	Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	16' Cable	

ULTIMATE SOLUTION for SMOKE FREE in OR
DUAL EXTENSION
SMOKE EVACUATION PENCIL

1. EASY TO EXTEND THE TELESCOPIC TUBE WITH THE RELEASE BUTTON

The telescopic extendable tube is convenient and easy to adjust to desired length.

Telescopic Extension

Before Extension

2. EXTENSION OF THE SUCTION TIP ALLOWS MAXIMUM SMOKE EVACUATION

Before Extension

Suction Tip Extension

After Extension

Hold the suction tip and slide it as close as possible to the blade in order to maximize the suction capacity.

Model	Product Description	Cable Length	Packaging Info.
EvDE	Dual Extension, Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	10' Cable	
EvDE-5	Dual Extension, Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	16' Cable	1 pc / Pack 10 pcs/ Box 4 Boxes / Case
EvDEI	Dual Extension, Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	10' Cable	
EvDEI-5	Dual Extension, Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	16' Cable	

Telescopic Smoke

Duble EXtension Smoke

Economy

Ergonomic

Standard

Ergonomic Pencil

ERGONOMIC DESIGN & NON-SLIP HANDLE

- Unique design fits in your hand that is helpful to reduce your fatigue.
- Engraved body for surgeon to secure the grip.

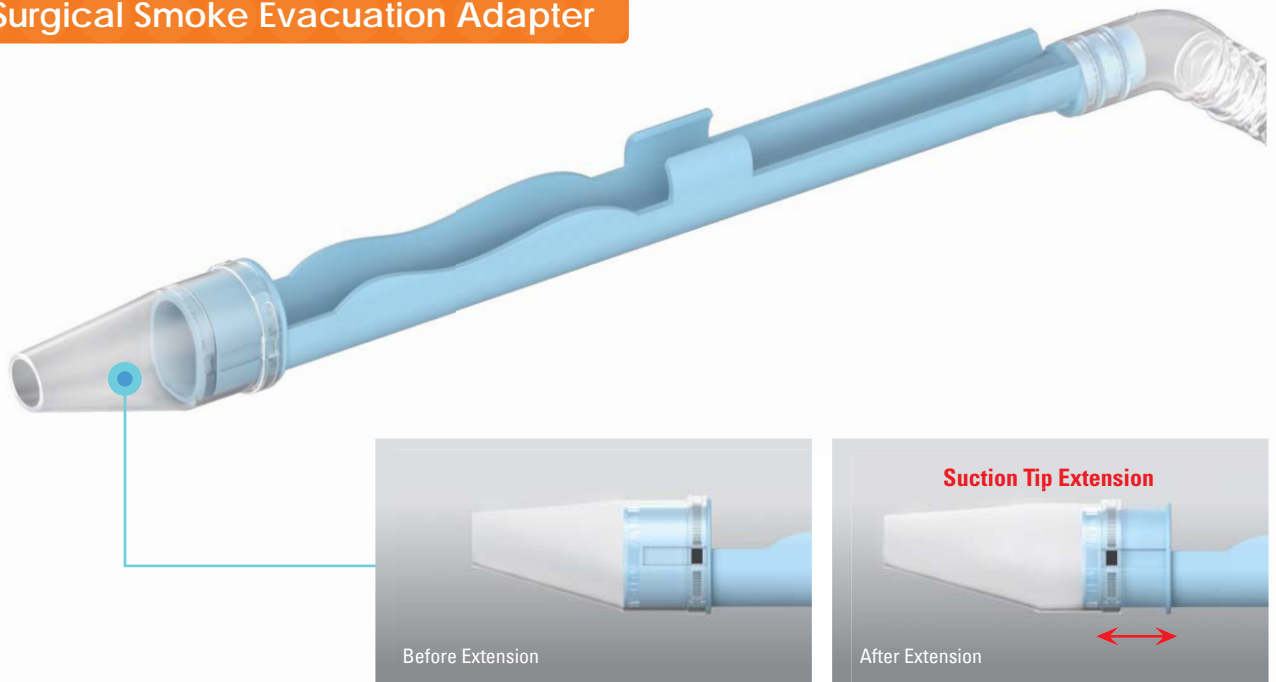| Model	Button Type	Product Description	Cable Length	Packaging Info.
DB	Push Button	2.5" Stainess Blade, No Holster	10' Cable	
DR	Rocker Button	2.5" Stainess Blade, No Holster	10' Cable	
DBN	Push Button	2.5" Stainess Coated Blade, No Holster	10' Cable	
DRN	Rocker Button	2.5" Stainess Coated Blade, No Holster	10' Cable	1 pc / Pack 25 pcs/ Box 2 Boxes / Case
DBH	Push Button	2.5" Stainess Blade, Holster	10' Cable	
DRH	Rocker Button	2.5" Stainess Blade, Holster	10' Cable	
DBNH	Push Button	2.5" Stainess Coated Blade, Holster	10' Cable	
DRNH	Rocker Button	2.5" Stainess Coated Blade, Holster	10' Cable	

UNIVERSAL STANDARD DESIGN

- Interchangeable design all over the world.
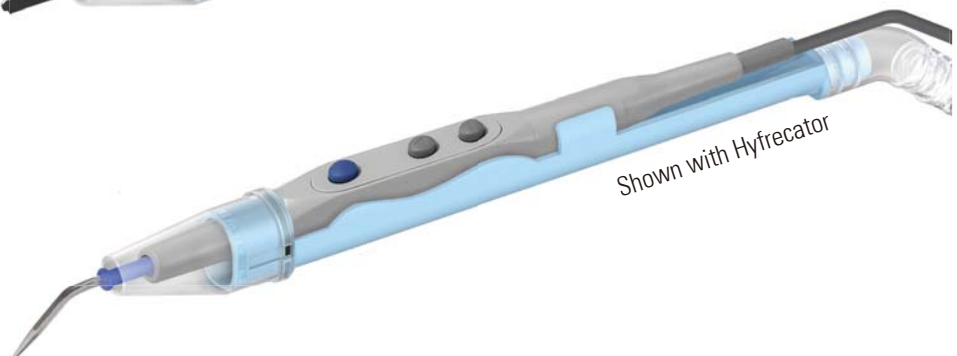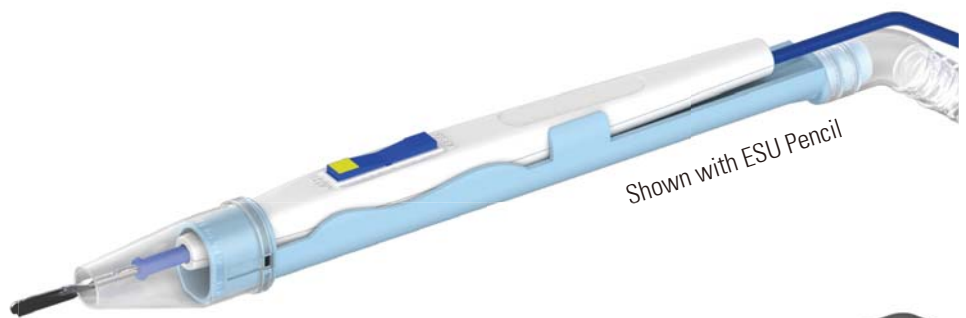- Either button or rocker switch is available for your preference.

Model	Button Type	Product Description	Cable Length	Packaging Info.
SB	Push Button	2.5" Stainess Blade, No Holster	10' Cable	
SR	Rocker Button	2.5" Stainess Blade, No Holster	10' Cable	
SBN	Push Button	2.5" Stainess Coated Blade, No Holster	10' Cable	
SRN	Rocker Button	2.5" Stainess Coated Blade, No Holster	10' Cable	1 pc /Pack 25 pcs/ Box 2 Boxes / Case
SBH	Push Button	2.5" Stainess Blade, Holster	10' Cable	
SRH	Rocker Button	2.5" Stainess Blade, Holster	10' Cable	
SBNH	Push Button	2.5" Stainess Coated Blade, Holster	10' Cable	
SRNH	Rocker Button	2.5" Stainess Coated Blade, Holster	10' Cable	

Surgical Smoke Evacuation Adapter

Before Extension

Suction Tip Extension

After Extension

EXTENSION OF THE SUCTION TIP ALLOWS MAXIMUM SMOKE EVACUATION

After Extension

Shown with ESU Pencil

After Extension

Shown with Hyfrecator

Model	Product Description	Tubing Length	Packaging Info.
EvFIT	Ideal for surgical smoke evacuator applications, Extension	3/8in X 10' Ft Tubing	1 pc / Pack 10 pcs/ Box 4 Boxes / Case
EvFIT-5	Ideal for surgical smoke evacuator applications, Extension	3/8in X 16' Ft Tubing	

BLADE

#	Model	Description	Packaging Info.	
1	NBE25	Blade Electrodes: Solid Stainless Coated, 2.5"	1 pc / Pack 10 pcs/ Box	
2	BE25	Blade Electrodes: Solid Stainless, 2.5"	1 pc / Pack 10 pcs/ Box	
3	NBE275	Blade Electrodes: Solid Stainless Coated, 2.75"	1 pc / Pack 10 pcs/ Box	
4	BE275	Blade Electrodes: Solid Stainless, 2.75"	1 pc / Pack 10 pcs/ Box	

INSULATED BLADE

#	Model	Description	Packaging Info.	
5	NBE60	Blade Electrodes: Solid Stainless Coated, 6"	1 pc / Pack 10 pcs/ Box	
6	BE60	Blade Electrodes: Solid Stainless, 6"	1 pc / Pack 10 pcs/ Box	
7	NBE25T	Blade Electrodes: Solid Stainless Coated, 2.5"	1 pc / Pack 10 pcs/ Box	

NEEDLE

#	Model	Description	Packaging Info.	
8	NNE25	Needle Electrodes: Solid Stainless Coated, 2.5"	1 pc / Pack 10 pcs/ Box	
9	NE25	Needle Electrodes: Solid Stainless, 2.5"	1 pc / Pack 10 pcs/ Box	
10	NNE28	Needle Electrodes: Solid Stainless Coated, 2.8"	1 pc / Pack 10 pcs/ Box	
11	NE28	Needle Electrodes: Solid Stainless, 2.8"	1 pc / Pack 10 pcs/ Box	

NEEDLE

#	Model	Description	Packaging Info.	
12	NNE60	Needle Electrodes: Solid Stainless Coated, 6"	1 pc / Pack 10 pcs/ Box	
13	NE60	Needle Electrodes: Solid Stainless, 6"	1 pc / Pack 10 pcs/ Box	

BALL

#	Model	Description	Packaging Info.	
14	NRE25	Ball Electrodes : Stainless Steel 5mm coated ball, 2.5"	1 pc / Pack 10 pcs/ Box	
15	RE25	Ball Electrodes : Stainless Steel 5mm ball, 2.5"	1 pc / Pack 10 pcs/ Box	
16	NRE53	Ball Electrodes : Stainless Steel 5mm coated ball, 5.3"	1 pc / Pack 10 pcs/ Box	
17	RE53	Ball Electrodes : Stainless Steel 5mm ball, 5.3"	1 pc / Pack 10 pcs/ Box	

LOOP

#	Model	Description	Packaging Info.	
18	LE10-05	Loop Electrodes: Tungsten Loop, 10mm x 5mm, 5"	1 pc / Pack 5 pcs/ Box	
19	LE10-10	Loop Electrodes: Tungsten Loop, 10mm x 10mm, 5"	1 pc / Pack 5 pcs/ Box	
20	LE15-12	Loop Electrodes: Tungsten Loop, 15mm x 12mm, 5"	1 pc / Pack 5 pcs/ Box	
21	LE20-10	Loop Electrodes: Tungsten Loop, 20mm x 10mm, 5"	1 pc / Pack 5 pcs/ Box	
22	LE20-15	Loop Electrodes: Tungsten Loop, 20mm x 15mm, 5"	1 pc / Pack 5 pcs/ Box	

PROPLATE series

The advanced Hydro-Gel improves conductivity, lowers impedance, eliminates residue and minimizes the risk of pad site burn.

Optimal Adhesive Strength
With advance technology and research, we've improved the adhesion between the skin and the grounding pad.

Lower Impedance
With optimal Hydro-Gel, the ProPlate can safely maintain high current density

Residue-Free
Hydro-Gel provides maximum adhesion and leaves zero residue on the patient, mess free!

ESU Grounding Pad / Over-sized Gel

Minimizes Risk of pad site burns
PROPLATE ESU grounding pads are designed and manufactured using anadvanced gel overlay system to reduce the possibility of edge burn or bite.

Backing Line

Gel Line

Aluminum Line

Population	Model		Type	Size	Conductive Area	Gel Area
	Non-corded Cloth Type Foam Type	Corded Cloth Type Foam Type		WxD (mm)	cm^2	cm^2
Adult/Pediatric	9631C / 9631F	P9631C / P9631F	Horizontal, Solid	154*121	112	112
Adult/Pediatric	9632C / 9632F	P9632C / P9632F	Horizontal, Split	154*121	96	112
Adult	9641C / 9641F	P9641C / P9641F	Horizontal, Solid	167*121	101	128
Adult	9642C / 9642F	P9642C / P9642F	Horizontal, Split	167*121	108	128
Neonatal	9611C / 9611F	P9511C / P9511F	Horizontal, Solid	98*75	37	40
Neonatal	9612C / 9612F	P9512C / P9512F	Horizontal, Split	98*75	34	40

Standard / Horizontal Type

9551C, 9551F 9552C, 9552F

9561C, 9561F 9562C, 9562F
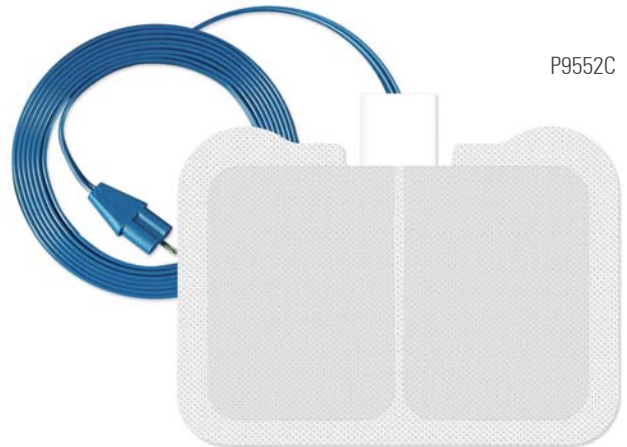
P9552C

※ C = Cloth Type,
F = Foam Type

Population	Model		Type	Size	Conductive Area	Total Area
	Non-corded Cloth Type Foam Type	Corded Cloth Type Foam Type		WxD (mm)	㎠	㎠
Adult/ Pediatric	9551C / 9551F	P9551C / P9551F	Horizontal, Solid	150*120	115	158
Adult/ Pediatric	9552C / 9552F	P9552C / P9552F	Horizontal, Split	150*120	108	158
Pediatric	9561C / 9561F	P9561C / P9561F	Horizontal, Solid	131*120	99	138
Pediatric	9562C / 9562F	P9562C / P9562F	Horizontal, Split	131*120	92	138
Adult	9571C / 9571F	P9571C / P9571F	Horizontal, Solid	180*120	139	189
Adult	9572C / 9572F	P9572C / P9572F	Horizontal, Split	180*120	130	189

Packaging Information

Type	Pouch	Box	Case
Non-corded Type	5pcs	100pcs	800pcs
Corded Type	1pc	25pcs	200pcs

Standard / Vertical Type

P9521C

※ C = Cloth Type,
F = Foam Type

9521C, 9521F   9522C, 9522F   9531C, 9531F   9532C, 9532F   9511C, 9511F   9512C, 9512F

Population	Model		Type	Size	Conductive Area	Total Area
	Non-corded Cloth Type Foam Type	Corded Cloth Type Foam Type		WxD (mm)	㎠	㎠
Adult	9541C / 9541F	P9541C / P9541F	Vertical, Solid	105*215	135	200
Adult	9542C / 9542F	P9542C / P9542F	Vertical, Split	105*215	133	200
Pediatric	9531C / 9531F	P9531C / P9531F	Vertical, Solid	105*165	103	148
Pediatric	9532C / 9532F	P9532C / P9532F	Vertical, Split	105*165	92	148
Adult/ Pediatric	9521C / 9521F	P9521C / P9521F	Vertical, Solid	200*101	112	178
Adult/ Pediatric	9522C / 9522F	P9522C / P9522F	Vertical, Split	200*101	116	178
Neonatal	9511C / 9511F	P9511C / P9511F	Vertical, Solid	74*98	36	52
Neonatal	9512C / 9512F	P9512C / P9512F	Vertical, Split	74*98	33	52

Cable

RCV300

RCE300

Model	Specification	Packaging Info.
RCV300	Cable for use with all ARM-equipped and Valleylab REM-equipped generators. Enables pad-to-patient contact quality monitoring 3m	1 each
RCE300	Cable for use with Erbe and Elmed generators 3m	1 each

Ordering Information

Smoke Free Evacuation			
Model	Product Description	Included	Packaging Info.
EQM-U	EvaQMax™ Electro Surgical Evacuator (Without filter, Includes one footswitch)	-	1 / each
EQM-CAF	EvaQMax™ Filter, Multi ports design with ULPA filter	Optional	4 / Case
EQM-A	EvaQMax™ Auto, Automatic Activation Device	Optional	4 / Case
EQM-FT	EvaQMax™ Fluid Trap, 7/8 in (22 mm) and 1/4 in (6.4 mm) tubing connection ports	Optional	20 / Case

Smoke Free Evacuation			
Model	Product Description	Hose Length	Packaging Info.
PSF2	Laparoscope Smoke Evacuation in passive with fluid trap and filter.	10' Hose	1 pc / Pack 10 pcs/ Box 4 Boxes / Case
ASFN3	Laparoscope Smoke Evacuation in active type with fluid trap and filter.		
ASF3	Laparoscope Smoke Evacuation in active type with fluid trap and filter. Volume Control.		
ASFTO3	Laparoscope Smoke Evacuation in active type with fluid trap only.		
TS3	Laparoscope Smoke Evacuation Tube Set		
TV3	Laparoscope Smoke Evacuation Tube setting with Control Valve		
TO3	Laparoscope Smoke Evacuation Tube setting with Flow Restrictor		

Ordering Information

Economy Smoke Evacuation Pencil			
Model	Product Description	Cable Length	Packaging Info.
EvEC	Non-Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	10' Cable	1 pc / Pack 10 pcs/ Box 4 Boxes / Case
EvEC-5	Non-Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	16' Cable	
EvECI	Non-Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	10' Cable	
EvECI-5	Non-Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	16' Cable	

Telescopic Smoke Evacuation Pencil			
Model	Product Description	Cable Length	Packaging Info.
EvST	Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	10' Cable	1 pc / Pack 10 pcs/ Box 4 Boxes / Case
EvST-5	Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	16' Cable	
EvSTI	Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	10' Cable	
EvSTI-5	Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	16' Cable	

Dual Extension Smoke Evacuation Pencil			
Model	Product Description	Cable Length	Packaging Info.
EvDE	Dual Extension, Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	10' Cable	1 pc / Pack 10 pcs/ Box 4 Boxes / Case
EvDE-5	Dual Extension, Telescopic, 2.5" Non-Stick Ceramic Coated Blade, Holster	16' Cable	
EvDEI	Dual Extension, Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	10' Cable	
EvDEI-5	Dual Extension, Telescopic, 2.5" Insulated Non-Stick Ceramic Coated Blade, Holster	16' Cable	

Ordering Information

Ergonomic Pencil

Model	Button Type	Product Description	Cable Length	Packaging Info.
DB	Push Button	2.5" Stainess Blade, No Holster	10' Cable	
DR	Rocker Button	2.5" Stainess Blade, No Holster	10' Cable	
DBN	Push Button	2.5" Stainess Coated Blade, No Holster	10' Cable	
DRN	Rocker Button	2.5" Stainess Coated Blade, No Holster	10' Cable	1 pc / Pack 25 pcs/ Box 2 Boxes / Case
DBH	Push Button	2.5" Stainess Blade, Holster	10' Cable	
DRH	Rocker Button	2.5" Stainess Blade, Holster	10' Cable	
DBNH	Push Button	2.5" Stainess Coated Blade, Holster	10' Cable	
DRNH	Rocker Button	2.5" Stainess Coated Blade, Holster	10' Cable	

Standard Pencil

Model	Button Type	Product Description	Cable Length	Packaging Info.
SB	Push Button	2.5" Stainess Blade, No Holster	10' Cable	
SR	Rocker Button	2.5" Stainess Blade, No Holster	10' Cable	
SBN	Push Button	2.5" Stainess Coated Blade, No Holster	10' Cable	
SRN	Rocker Button	2.5" Stainess Coated Blade, No Holster	10' Cable	1 pc / Pack 25 pcs/ Box 2 Boxes / Case
SBH	Push Button	2.5" Stainess Blade, Holster	10' Cable	
SRH	Rocker Button	2.5" Stainess Blade, Holster	10' Cable	
SBNH	Push Button	2.5" Stainess Coated Blade, Holster	10' Cable	
SRNH	Rocker Button	2.5" Stainess Coated Blade, Holster	10' Cable	

Surgical Smoke Evacuation Adapter

Model	Product Description	Tubing Length
EvFIT	Ideal for surgical smoke evacuator applications, Extension	3/8in X 10' Ft Tubing
EvFIT-5	Ideal for surgical smoke evacuator applications, Extension	3/8in X 16' Ft Tubing

Ordering Information

Accessories				
#	Model	Description	Packaging Info.	
1	NBE25	Blade Electrodes: Solid Stainless Coated, 2.5"	1 pc / Pack	10 pcs/ Box
2	BE25	Blade Electrodes: Solid Stainless, 2.5"	1 pc / Pack	10 pcs/ Box
3	NBE275	Blade Electrodes: Solid Stainless Coated, 2.75"	1 pc / Pack	10 pcs/ Box
4	BE275	Blade Electrodes: Solid Stainless, 2.75"	1 pc / Pack	10 pcs/ Box
5	NBE60	Insulated Blade Electrodes: Solid Stainless Coated, 6"	1 pc / Pack	10 pcs/ Box
6	BE60	Insulated Blade Electrodes: Solid Stainless, 6"	1 pc / Pack	10 pcs/ Box
7	NBE25T	Insulated Blade Electrodes: Solid Stainless Coated, 2.5"	1 pc / Pack	10 pcs/ Box
8	NNE25	Needle Electrodes: Solid Stainless Coated, 2.5"	1 pc / Pack	10 pcs/ Box
9	NE25	Needle Electrodes: Solid Stainless, 2.5"	1 pc / Pack	10 pcs/ Box
10	NNE28	Needle Electrodes: Solid Stainless Coated, 2.8"	1 pc / Pack	10 pcs/ Box
11	NE28	Needle Electrodes: Solid Stainless, 2.8"	1 pc / Pack	10 pcs/ Box
12	NNE60	Needle Electrodes: Solid Stainless Coated, 6"	1 pc / Pack	10 pcs/ Box
13	NE60	Needle Electrodes: Solid Stainless, 6"	1 pc / Pack	10 pcs/ Box
14	NRE25	Ball Electrodes : Stainless Steel 5mm coated ball, 2.5"	1 pc / Pack	10 pcs/ Box
15	RE25	Ball Electrodes : Stainless Steel 5mm ball, 2.5"	1 pc / Pack	10 pcs/ Box
16	NRE53	Ball Electrodes : Stainless Steel 5mm coated ball, 5.3"	1 pc / Pack	10 pcs/ Box
17	RE53	Ball Electrodes : Stainless Steel 5mm ball, 5.3"	1 pc / Pack	10 pcs/ Box
18	LE10-05	Loop Electrodes: Tungsten Loop, 10mm x 5mm, 5"	1 pc / Pack	5 pcs/ Box
19	LE10-10	Loop Electrodes: Tungsten Loop, 10mm x 10mm, 5"	1 pc / Pack	5 pcs/ Box
20	LE15-12	Loop Electrodes: Tungsten Loop, 15mm x 12mm, 5"	1 pc / Pack	5 pcs/ Box
21	LE20-10	Loop Electrodes: Tungsten Loop, 20mm x 10mm, 5"	1 pc / Pack	5 pcs/ Box
22	LE20-15	Loop Electrodes: Tungsten Loop, 20mm x 15mm, 5"	1 pc / Pack	5 pcs/ Box

Ordering Information

ESU Grounding Pad / Over-sized Gel

Population	Model		Type	Size	Conductive Area	Gel Area	Packaging Info.
	Non-corded Cloth Type Foam Type	Corded Cloth Type Foam Type		WxD (mm)	cm²	cm²	Non-corded
Adult/Pediatric	9631C / 9631F	P9631C / P9631F	Solid	154*121	112	112	5 pcs / Pack 100 pcs/ Box 800 pcs / Case
Adult/Pediatric	9632C / 9632F	P9632C / P9632F	Split	154*121	96	112	
Adult	9641C / 9641F	P9641C / P9641F	Solid	167*121	101	128	Corded
Adult	9642C / 9642F	P9642C / P9642F	Split	167*121	108	128	1 pc / Pack 25 pcs/ Box 200 pcs / Case
Adult	9511C / 9511F	P9511C / P9511F	Solid	98*75	37	40	
Adult	9512C / 9512F	P9512C / P9512F	Split	98*75	34	40	

ESU Grounding Pad / Horizontal

Population	Model		Type	Size	Conductive Area	Total Area	Packaging Info.
	Non-corded Cloth Type Foam Type	Corded Cloth Type Foam Type		WxD (mm)	cm²	cm²	Non-corded
Adult/Pediatric	9551C / 9551F	P9551C / P9551F	Solid	150*120	115	158	5 pcs / Pack 100 pcs/ Box 800 pcs / Case
Adult/Pediatric	9552C / 9552F	P9552C / P9552F	Split	150*120	108	158	
Pediatric	9561C / 9561F	P9561C / P9561F	Solid	131*120	99	138	Corded
Pediatric	9562C / 9562F	P9562C / P9562F	Split	131*120	92	138	1 pc / Pack 25 pcs/ Box 200 pcs / Case
Adult	9571C / 9571F	P9571C / P9571F	Solid	180*120	139	189	
Adult	9572C / 9572F	P9572C / P9572F	Split	180*120	130	189	

ESU Grounding Pad / Vertical

Population	Model		Type	Size	Conductive Area	Total Area	Packaging Info.
	Non-corded Cloth Type Foam Type	Corded Cloth Type Foam Type		WxD (mm)	cm²	cm²	Non-corded
Adult	9541C / 9541F	P9541C / P9541F	Solid	105*215	135	200	5 pcs / Pack 100 pcs/ Box 800 pcs / Case
Adult	9542C / 9542F	P9542C / P9542F	Split	105*215	133	200	
Pediatric	9531C / 9531F	P9531C / P9531F	Solid	105*165	103	148	
Pediatric	9532C / 9532F	P9532C / P9532F	Split	105*165	92	148	Corded
Adult/Pediatric	9521C / 9521F	P9521C / P9521F	Solid	200*101	112	178	1 pc / Pack 25 pcs/ Box 200 pcs / Case
Adult/Pediatric	9522C / 9522F	P9522C / P9522F	Split	200*101	116	178	
Neonatal	9511C / 9511F	P9511C / P9511F	Solid	74*98	36	52	
Neonatal	9512C / 9512F	P9512C / P9512F	Split	74*98	33	52	

Cable

Model	Specification	Packaging Info.
RCV300	Cable for use with all ARM-equipped and Valleylab REM-equipped generators. Enables pad-to-patient contact quality monitoring 3m	1 each
RCE300	Cable for use with Erbe and Elmed generators 3m	1 each

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