



## WECK HORIZON LIGATIONSYSTEM

The name you know the product you trust







### THE CARTRIDGE

#### **EASY LOADS WITH ADHESIVE CONVENIENCE**

- The Horizon clip cartridge can provide incredibly easy and precise loading that can enhance surgical procedure efficiency.
- Lateral clip-restraining springs in the Horizon cartridge are displaced by applier jaws during clip loading.
- Spring displacement frees the clip for a nearly frictionless one-hand load from the cartridge.
- Clips are centered in the cartridge slots for precise loads.
- Clip cartridges are color-coded to match appliers.
- Both 6- and 24-clip cartridges are available.
- A special adhesive backing on the Horizon cartridge allows the user to conveniently relocate the site of clip loading – cartridges affix to any sterile area.



#### THE APPLIERS

#### PERFORMANCE AND CLEANING ACCESSIBILITY

- The Horizon endoscopic applier provides clip closure designed to give surgeons solid tactile feedback.
- The large, lightweight rotation knob allows for one-finger, 360° rotation of the applier shaft.
- Horizon endoscopic appliers are available for medium, medium-large, and large Horizon clips, and feature flush ports for thorough cleaning.
- The reusable appliers are designed specifically for use with Horizon ligating clips, creating a dramatic cost savings when compared to disposable automatic-feed clip appliers.
- All Horizon open surgical ring-handled appliers open at the box lock for easy, thorough cleaning.
- Open surgical appliers are available with angled, curved, or right-angled jaws.

# THE HORIZON SYSTEM: DESIGNED TO MEET YOUR NEEDS

Horizon is designed to meet the needs of surgeons, nurses, and other operating room personnel.





### THE CLIP

#### **FUNCTIONAL EXCELLENCE**

- The chevron shape of the Horizon clip engulfs tissue with precise tip-to-tip closure.
- the heart-shaped wire is designed to give each clip a firm grip on vessels.
- Transverse grooves make the clip resistant to slipping across the vessel.
- The internal groove of the Horizon clip is sized to reduce clip scissoring.
- The triangulated cross-section of the Horizon clip leg maximises surface-to-surface contact of clip and applier jaw, practically eliminating clip fallout.

#### **LIGATING CLIPS**

#### TITANIUM LIGATING CLIPS **WECK** REF. CLIP SIZE CLIPS/CARTRIDGE CARTRIDGE/BOX CLIPS/BOX $\bigcirc \ \mathsf{microclip}$ small small small-wide small-wide medium medium medium-large medium-large large large

#### **OPEN SURGERY**

LIGATING	APPLIERS		WECK
REF.	CLIP SIZE	WORKING LENGTH	QTY
20° curved			
537061	○ microclip	6" (15 cm)	1
537081	○ microclip	8" (20 cm)	1
137061	• small	6" (15 cm)	1
137081	• small	8" (20 cm)	1
137111	• small	11" (28 cm)	1
137062	• small-wide	6" (15 cm)	1
137082	• small-wide	8" (20 cm)	1
137112	• small-wide	11" (28 cm)	1
237061	• medium	6" (15 cm)	1
237081	• medium	8" (20 cm)	1
237111	• medium	11" (28 cm)	1
337081	• medium-large	8" (20 cm)	1
337111	• medium-large	11" (28 cm)	1
437081	• large	8" (20 cm)	1
437111	• large	11" (28 cm)	1
55° angled			
137085	small	8" (20 cm)	1
137086	• small-wide	8" (20 cm)	1
237085	• medium	8" (20 cm)	1
237115	• medium	11" (28 cm)	1
337085	• medium-large	8" (20 cm)	1
337115	• medium-large	11" (28 cm)	1
437085	• large	8" (20 cm)	1
437115	• large	11" (28 cm)	1
70° angled		,	
237117	• medium	11" (28 cm)	1
337117	• medium-large	11" (28 cm)	1
437117	• large	11" (28 cm)	1

All Horizon<sup>TM</sup> ligating clips are packaged sterile. Ligating clip systems differ in their clip-closure characteristics. It is the responsibility of the user to confirm security of clips on vessels or other tissue.

Not intended for contraceptive tubal occlusion.

#### MICROCLIP<sup>TM</sup>

Horizon's newest family member. For safe ligation of small vessels or structures.

#### SPECIALTY MULTI-ANGLE APPLIERS



The Horizon 28 cm Multi-Angle Access Applier for small (wide slot) clip cartridges incorporates a 45° angled jaw, or a curved jaw, for an optimal angle of access to the surgical target.

# CROSS-SECTIONAL VIEW OF CLIP



With applier jaws properly aligned (above) and misaligned (below).

#### ENDOSCOPIC TAKE-APART CLIP APPLIER



Our TAP appliers can be taken apart for easy cleaning. They come with a 360° rotation knob for better access and improved visibility.

#### **OPEN SURGERY**

## ENDOSCOPIC SURGERY

LIGATING	APPLIERS, SPEC	IAL		WECK
REF.	CLIP SIZE	APPLIER DESIGN	WORKING LENGTH	QTY
20° curved				
137118	small-wide	multi-angled	11" (28 cm)	1
45° angled	'	'		
137117	small-wide	multi-angled	11" (28 cm)	1

TAKE-APART	LIGATING AP	PLIERS			WECK
REF.	CLIP SIZE	Ø APPLIER	Ø TROCAR	WORKING LENGTH	QTY
238110T	medium	10 mm	10 mm	13" (33 cm)	1
338110T	<ul><li>medium-large</li></ul>	10 mm	10 mm	13" (33 cm)	1

NON-TAK	E-APART LIGAT	TING APPLIERS	S		WECK
REF.	CLIP SIZE	Ø APPLIER	Ø TROCAR	WORKING LENGTH	QTY
438110	<ul><li>large</li></ul>	12 mm	12 mm	11" (28 cm)	1
NON-TAKE-APART LIGATING APPLIERS, ENDOSAPHENOUS				ENOUS	WECK

238200	• medium	5 mm shaft,	8 mm	13" (32 cm)	1
REF.	CLIP SIZE	Ø APPLIER	Ø TROCAR	WORKING LENGTH	QTY

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