XNY NOVA™ SINGLE USE RELOADABLE ENDOSCOPIC LINEAR CUTTER STAPLER

XNY Nova™ single patient use premium laparoscopic staplers are the best in class utilising proven technology and expert manufacturing from superior medical grade materials.

FEATURES AND BENEFITS

- Ultra-sharp, hardened 440 medical grade stainless steel blade
- Medical Grade 1 USA imported titanium staples, precise “B” staple formation
- Full range of articulating reloads available to suite each tissue type
- Re-loadable up to 7x with a total of 8 firings per use
- New blade after each firing

FULL RANGE OF CARTRIDGES

STAPLER SIZE

<table>
<thead>
<tr>
<th>Model &amp; Size</th>
<th>Color</th>
<th>Suture Length (L)</th>
<th>Open Staple Height</th>
<th>Closed Staple Height</th>
<th>Number of Staples</th>
</tr>
</thead>
<tbody>
<tr>
<td>XNY-3025-A</td>
<td>White</td>
<td>30 ± 2mm</td>
<td>2.5 ± 3mm</td>
<td>10mm</td>
<td>6 × 7</td>
</tr>
<tr>
<td>XNY-4525-A</td>
<td>White</td>
<td>45 ± 2mm</td>
<td>2.5 ± 3mm</td>
<td>10mm</td>
<td>6 × 11</td>
</tr>
<tr>
<td>XNY-4835-A</td>
<td>Blue</td>
<td>45 ± 2mm</td>
<td>3.5 ± 3mm</td>
<td>10mm</td>
<td>6 × 11</td>
</tr>
<tr>
<td>XNY-4548-A</td>
<td>Green</td>
<td>45 ± 2mm</td>
<td>4.8 ± 3mm</td>
<td>20.0mm</td>
<td>6 × 11</td>
</tr>
<tr>
<td>XNY-6025-A</td>
<td>White</td>
<td>60 ± 2mm</td>
<td>2.5 ± 3mm</td>
<td>10mm</td>
<td>6 × 15</td>
</tr>
<tr>
<td>XNY-6035-A</td>
<td>Blue</td>
<td>60 ± 2mm</td>
<td>3.5 ± 3mm</td>
<td>15mm</td>
<td>6 × 15</td>
</tr>
<tr>
<td>XNY-6048-A</td>
<td>Green</td>
<td>60 ± 2mm</td>
<td>4.8 ± 3mm</td>
<td>20.0mm</td>
<td>6 × 15</td>
</tr>
</tbody>
</table>

PRODUCT SPECIFICATIONS

DIFFERENT SHAFT LENGTHS
Short, medium and long shafts available

FULL ANGLE ROTATION
The 360 degrees rotary ensures convenience to reach tissues.

ERGONOMIC DESIGN OF FIRING HANDLE
Colani design of firing handle that delivers a comfortable experience of stapling.
XNY NOVA™ SINGLE USE CIRCULAR STAPLER TYPE-B

A uniquely designed and patented circular stapler with an audible automatic safety-release ensures constant and precise visualisation on the anastomosis during tissue compression.

NOVA™ PATENTED ‘RED-AUTO RELEASE’ SAFETY FUNCTION
As the anvil head is compressed, when the red indicator reaches inside the green window indicator, the red safety release lever automatically alerts the user through a clear audible ‘click’.

FULL RANGE OF SIZES

FEATURES AND BENEFITS
- Patented trapezoid staple design for perfectly formed staples
- Ultra-sharp cutting 440 USA imported medical grade stainless steel blade
- Streamline, low profile anvil design
- Ergonomic and comfortable during use
- Red auto release function for constant visualisation on the procedure during compression

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model &amp; Size</th>
<th>Length (mm)</th>
<th>Outer Diameter of Staple Holder (mm)</th>
<th>Outer Diameter of Circumferential (mm)</th>
<th>Quantity of Staples</th>
<th>Color Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>W9WB-20</td>
<td>450</td>
<td>20.0</td>
<td>12.2</td>
<td>16</td>
<td>Orange</td>
</tr>
<tr>
<td>W9WB-24</td>
<td>450</td>
<td>24.5</td>
<td>15.3</td>
<td>18</td>
<td>Yellow</td>
</tr>
<tr>
<td>W9WB-26</td>
<td>450</td>
<td>26.5</td>
<td>17.4</td>
<td>22</td>
<td>White</td>
</tr>
<tr>
<td>W9WB-29</td>
<td>450</td>
<td>29.5</td>
<td>20.5</td>
<td>24</td>
<td>Blue</td>
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<tr>
<td>W9WB-32</td>
<td>450</td>
<td>32.5</td>
<td>23.2</td>
<td>26</td>
<td>Light green</td>
</tr>
</tbody>
</table>

STREAMLINED HANDLE
Ergonomic design for ease of use

SMART RATIO OF INNER AND OUTER CARTRIDGE
Largest stapling size housing available to ensure secure staple line without causing tissue laceration.

UNIQUE DESIGN OF STAPLE HEIGHT
Ensures a reliable and secure staple line after firing.

SECURITY HOLE
Used to prevent the disengagement of gastric canal in clinical application.

SKIDPROOF ROTATION
‘WING-NUT’ shape to assist the opening and closing of the anvil.

XNY NOVA™ SURGICAL STAPLERS
XNY NOVA™ SINGLE USE CIRCULAR STAPLER TYPE C

A uniquely designed and patented circular stapler with an audible automatic safety-release ensures constant and precise visualization on the anastomosis during tissue compression. W2WC version is the special model designed for advanced laparoscopic procedures.

NOVA™ PATENTED ‘RED-AUTO RELEASE’ SAFETY FUNCTION
As the anvil head is compressed, along with the red indicator reaches inside the green window indicator, the red safety release lever automatically alerts the user through a clear audible ‘click’.

FULL RANGE OF SIZES

FEATURES AND BENEFITS
• Patented trapezoid staple design for perfectly formed staples
• Ultra-sharp cutting 440 USA imported medical grade stainless steel blade
• Streamline, low profile anvil design
• Ergonomic and comfortable during use
• Red auto release function for constant visualization on the procedure during compression

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model &amp; Size</th>
<th>Length (mm)</th>
<th>Outer Diameter of Staple Holder (mm)</th>
<th>Outer Diameter of Circular Knife (mm)</th>
<th>Staple Height (mm)</th>
<th>Quantity of Staples</th>
<th>Color Code</th>
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<td>W2WC-20</td>
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<td>20.3</td>
<td>12.2</td>
<td>4.7</td>
<td>16</td>
<td>Orange</td>
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<tr>
<td>W2WC-22</td>
<td>460</td>
<td>21.5</td>
<td>14.0</td>
<td>4.7</td>
<td>18</td>
<td>Light yellow</td>
</tr>
<tr>
<td>W2WC-24</td>
<td>460</td>
<td>24.5</td>
<td>15.3</td>
<td>4.7</td>
<td>18</td>
<td>Yellow</td>
</tr>
<tr>
<td>W2WC-26</td>
<td>460</td>
<td>26.2</td>
<td>17.4</td>
<td>5.6</td>
<td>22</td>
<td>White</td>
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<tr>
<td>W2WC-29</td>
<td>460</td>
<td>29.5</td>
<td>20.5</td>
<td>5.6</td>
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<td>Blue</td>
</tr>
<tr>
<td>W2WC-32</td>
<td>460</td>
<td>32.5</td>
<td>23.2</td>
<td>5.6</td>
<td>26</td>
<td>Light green</td>
</tr>
</tbody>
</table>
XNY NOVA™ SINGLE USE CIRCULAR STAPLER FOR RECTAL PROLAPSE AND HEMORRHOIDS

Designed for PPH procedures and offering a unique patented ‘red auto release’ function gives the surgeon precise control and constant visualisation on the anastomosis.

**NOVA™ PATENTED ‘RED-AUTO RELEASE’ SAFETY FUNCTION**

As the anvil head is compressed, when the red indicator reaches inside the green window indicator, the red safety release lever automatically alerts the user through a clear audible “click”.

**FULL SET OF ACCESSORIES**

**FEATURES AND BENEFITS**

- Red auto-release safety release function
- Larger housing to accommodate greater volume of tissue
- Low profile anvil design for ease of insertion and tension free removal after firing
- Streamline handle design

**PRODUCT SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model &amp; Size</th>
<th>Length</th>
<th>D1</th>
<th>D2</th>
<th>Staple Number</th>
<th>Staple Height</th>
<th>Staple Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>GWC-34</td>
<td>395</td>
<td>34mm</td>
<td>Inner Diameter</td>
<td>Outer Diameter</td>
<td>26</td>
<td>4.5mm</td>
</tr>
</tbody>
</table>

**CONICAL ANVIL DESIGN**

Ease of insertion and smooth tension free release from the anastomotic lip

**LARGE TISSUE HOUSING**

More excised tissue can be stored in this space

**CLEAR DEPTH INDICATOR MARKINGS**

More accurate and tension free placement of pull sutures

**STREAMLINED HANDLE**

Ergonomic design for ease of use

**SKIDPROOF KNOB**

“DIAMOND NUT” shape to assist the opening and closing of anvil
XNY Nova™ Single Use Linear Cutter Stapler

XNY Nova™ single patient use linear cutters are meticulously designed for the excision, transection and stapling in abdominal, gynaecological, paediatric and thoracic surgeries. Focusing primarily on great functionality, reliability and superior performance we ensure the user experience is flawless. XNY linear cutters deliver extremely smooth cutting and secure staple line formation throughout our Nova range.

SMART KNIFE DESIGN
Enables smooth cutting and reliable performance

PREVENT CONCERTINA EFFECT
Over Re-Load

FEATURES AND BENEFITS
- ULTRA sharp 440 medical grade USA imported hardened stainless steel
- Two intermediate positions (front and rear) to accommodate different surgeon preferences
- Superior, smooth and staple performance with perfectly formed ‘B’ shaped staples
- Secure staple line formation, with 4 staples beyond the line of resection
- Built-in safety lock-out mechanism
- Different cartridges available for various tissue thicknesses

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model &amp; Size</th>
<th>Instrument Length</th>
<th>Instrument Width</th>
<th>Staple holder size</th>
<th>Cutting length</th>
<th>Stapling Length</th>
<th>Color code of staple holder</th>
<th>Staple height</th>
<th>No. of staples</th>
</tr>
</thead>
<tbody>
<tr>
<td>XQ-60-38</td>
<td>250±5</td>
<td>68±5</td>
<td>60-38</td>
<td>56±1</td>
<td>81±1</td>
<td>Blue</td>
<td>3.8±0.1</td>
<td>15X4</td>
</tr>
<tr>
<td>XQ-60-45</td>
<td>235±5</td>
<td>68±5</td>
<td>60-45</td>
<td>56±1</td>
<td>81±1</td>
<td>Green</td>
<td>4.5±0.1</td>
<td>20X4</td>
</tr>
<tr>
<td>XQ-80-38</td>
<td>270±5</td>
<td>96±5</td>
<td>80-38</td>
<td>78±1</td>
<td>81±1</td>
<td>Blue</td>
<td>3.8±0.1</td>
<td>20X4</td>
</tr>
<tr>
<td>XQ-80-45</td>
<td>250±5</td>
<td>96±5</td>
<td>80-45</td>
<td>78±1</td>
<td>81±1</td>
<td>Green</td>
<td>4.5±0.1</td>
<td>25X4</td>
</tr>
<tr>
<td>XQ-100-38</td>
<td>305±5</td>
<td>96±5</td>
<td>100-38</td>
<td>96±1</td>
<td>101±1</td>
<td>Blue</td>
<td>3.8±0.1</td>
<td>25X4</td>
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<tr>
<td>XQ-100-45</td>
<td>285±5</td>
<td>96±5</td>
<td>100-45</td>
<td>96±1</td>
<td>101±1</td>
<td>Green</td>
<td>4.5±0.1</td>
<td>25X4</td>
</tr>
</tbody>
</table>

CLEAR GRADUATED CUTTING INDICATORS
On both sides of the anvil

CARTRIDGE SAFETY LOCK
Prevents accidental firing of an empty reload cartridge

FRONT INTERMEDIATE POSITION ALIGNMENT FUNCTION
Allows single handed use and re-positioning of the tissue

SECURE LOCKING PIN

FIRING BUTTON WITH SAFETY PROTECTION
Prevents the button from being pushed before moveable handle is locked up to avoid injury made by cutting knife

MULTIFUNCTION CAM MECHANISM
Ensures optimum and balanced tissue compression

REAR ‘SCISSOR’ TYPE INTERMEDIATE POSITION
Accommodates different surgeon preference
XNY NOVA™ RELOADABLE SINGLE-USE LINEAR STAHLER

A premium designed linear stapler with a robust design and exceptional performance delivers outstanding and reliable results during use.

Manufactured from high medical grade (USA imported materials) ensures positive outcomes and user experience.

DIFFERENT STAPLE HEIGHTS AVAILABLE

FEATURES AND BENEFITS

- Reusable up to 6 x with 7 firings per device
- Intermediate inter-lock position
- Full range of reloads for various tissue thicknesses available
- Medical grade 440 USA imported stainless steel and medical grade 1 titanium staple wire
- Excellent ergonomics ensuring great user experience

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model &amp; Size</th>
<th>Color of staple cartridge</th>
<th>Staple Length Before Closure</th>
<th>Size of closed staple</th>
<th>Length of stapling line</th>
<th>Quantity of staples</th>
</tr>
</thead>
<tbody>
<tr>
<td>XFC-30</td>
<td>Green</td>
<td>4.5</td>
<td>2.0mm</td>
<td>31mm</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Blue</td>
<td>3.8</td>
<td>1.5mm</td>
<td>31mm</td>
<td>11</td>
</tr>
<tr>
<td>XFC-45</td>
<td>Green</td>
<td>4.5</td>
<td>2.0mm</td>
<td>43mm</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Blue</td>
<td>3.8</td>
<td>1.5mm</td>
<td>43mm</td>
<td>15</td>
</tr>
<tr>
<td>XFC-60</td>
<td>Green</td>
<td>4.5</td>
<td>2.0mm</td>
<td>59mm</td>
<td>21</td>
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<tr>
<td></td>
<td>Blue</td>
<td>3.8</td>
<td>1.5mm</td>
<td>59mm</td>
<td>21</td>
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<tr>
<td>XFC-90</td>
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<td>4.5</td>
<td>2.0mm</td>
<td>92mm</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>Blue</td>
<td>3.8</td>
<td>1.5mm</td>
<td>92mm</td>
<td>33</td>
</tr>
</tbody>
</table>

INTERMEDIATE CLOSING POSITION

PERFECT ALIGNMENT ENSURED BY RETAINING PIN
Consistently B-shaped staple formation

PARALLEL CLOSURE

DURABLE, LOW PROFILE HANDLE
Creates optimum access without any deflection from low profile body or head

LONG, SLIM SHAFT
Ensures excellent access and visibility

MULTIFUNCTIONAL HANDLE
For both closing and firing

AUTOMATIC PIN PLACEMENT

RELEASE BUTTON
For easy opening
XNY GUIDANCEPORT™ SINGLE USE BLADELESS TROCAR

XNY’s company motto of “CONSTANT INNOVATION” means customers receive exceptional performing devices which offer unique benefits that are functional and ergonomic. The drive to improve our products means greater levels of safety for patients and positive user experiences.

VERESS INSUFFLATION NEEDLE AND SPECIMEN BAG ARE AVAILABLE

FEATURES AND BENEFITS

- Universal seal and conical entry point
- Colour Coded parts offers better visualization
- Superior fixation and leakage control
- Tissue separating obturators
- Available in 3.5, 10, 12 and 15mm
- Bladed (shield) and bladeless options
- Cannula/Sleeve options

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model &amp; Size</th>
<th>L1 (Working length of puncture sleeve)</th>
<th>L2 (Useful length of Puncture needle)</th>
<th>Outer diameter of puncture sleeve</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>3mm</td>
<td>100</td>
<td>155</td>
<td>4+</td>
<td>White</td>
</tr>
<tr>
<td>5mm</td>
<td>100/75</td>
<td>159/90</td>
<td>6+</td>
<td>yellow</td>
</tr>
<tr>
<td>10mm</td>
<td>100</td>
<td>168</td>
<td>11+</td>
<td>blue</td>
</tr>
<tr>
<td>12mm</td>
<td>100/175</td>
<td>169/143</td>
<td>13+</td>
<td>green</td>
</tr>
<tr>
<td>15mm</td>
<td>100</td>
<td>168</td>
<td>16+</td>
<td>black</td>
</tr>
</tbody>
</table>

STOPCOCK VALVE
Safety designed to prevent un-intentional opening and closing during use.

STABLE THREAD DESIGN
Abdominal wall retention is maximized to mitigate the trocar slip-outs.

BLADELESS TIP
Abdominal wall and vessel trauma are minimized. Tissue and vessels are pushed away. Facial closure is not required.

COLOUR CODE
Different colour codes for different sized trocar (3mm-15mm).

FUNNEL LEAD IN
Assists easy guided instrument insertion.

ROBUST AND STRONG UNIVERSAL SEAL
Accommodates 5-12mm instruments without leakage.
XNY GUIDANCEPORT™ SINGLE USE DILATING TIP TROCAR

XNY’s company motto of “CONSTANT INNOVATION” means customers receive exceptional performing devices which offer unique benefits that are functional and ergonomic. The drive to improve our products means greater levels of safety for patients and positive user experiences.

VERESS INSUFFLATION NEEDLE AND SPECIMEN BAG ARE AVAILABLE

FEATURES AND BENEFITS

- Universal seal and conical entry point
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- Superior fixation and leakage control
- Tissue separating obturators
- Available in 5, 10 and 12mm
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PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model &amp; Size</th>
<th>L1 (Working length of puncture sleeve)</th>
<th>L2 (Useful length of Puncture needle)</th>
<th>D (Inner diameter of puncture sleeve)</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>5mm</td>
<td>100/150</td>
<td>153/198</td>
<td>6 μ</td>
<td>yellow</td>
</tr>
<tr>
<td>10mm</td>
<td>100</td>
<td>168</td>
<td>11 μ</td>
<td>blue</td>
</tr>
<tr>
<td>12mm</td>
<td>100</td>
<td>168</td>
<td>13 μ</td>
<td>green</td>
</tr>
</tbody>
</table>

SHIELD RESET BUTTON
Engages blade shield for insertion

ROBUST AND STRONG UNIVERSAL SEAL
Accommodates 5-12mm instruments without leakage

COLOUR CODE
Different colour codes for different sized trocar (3mm-15mm)

FUNNEL LEAD IN
Assists easy guided instrument insertion

STOPCOCK VALVE
Safely designed to prevent unintentional opening and closing

STABLE THREAD DESIGN
Abdominal wall retention is maximized to mitigate the trocar slip-outs.

BLADE SHIELD
Avoid internal structure damage from insertion.
XNY NOVA™ SINGLE USE SURGICAL SKIN STAPLERS

XNY NOVA™ Single use Surgical skin staplers are composed of specialized staples (highest grade of stainless steel staples made of Nickel and Chromium) that is particularly suitable for simple, recent, open unbruised wounds. XNY NOVA™ Single use Surgical skin staplers can close skin wounds in surgery in place of sutures quickly and effectively.

FEATURES AND BENEFITS

- Less painful than sutures.
- Operation is easy and convenient. Six times faster than sutures.
- Speed of skin suture is fast and easy for contraposition.
- Reduce bleeding and improve quality of skin.
- Ergonomically designed for ease of use.

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model &amp; Size</th>
<th>Number of staples</th>
<th>Height of staple (mm)</th>
<th>Width of staple (mm)</th>
</tr>
</thead>
<tbody>
<tr>
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<td>7.0mm</td>
</tr>
<tr>
<td>XNYPF-35A</td>
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<td>4.0mm</td>
<td>7.0mm</td>
</tr>
<tr>
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