



WICKLAND MEDIKA IMANTARA

MEDICAL EQUIPMENT , AESTHETICS AND LABORATORY SUPPLIER

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KLANDSONIC CATALOG

First Forceps made in china

Faster cutting speed

Better coagulation

More Compatible

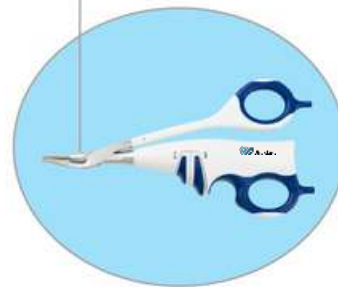
CE 0197



Protection Pad
Effectively extend the
using time of the scalpel

Precise Dissection
Lateral thermal tissue damage: Only 1mm

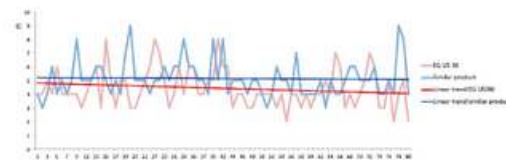
Multifuction
Grasping, dissection, cutting, coagulation.....All in one single instrument



Integrated Knob
Equipped with torque wrench function.
Easy to connect the scalpel to transducer



Faster Cutting Speed



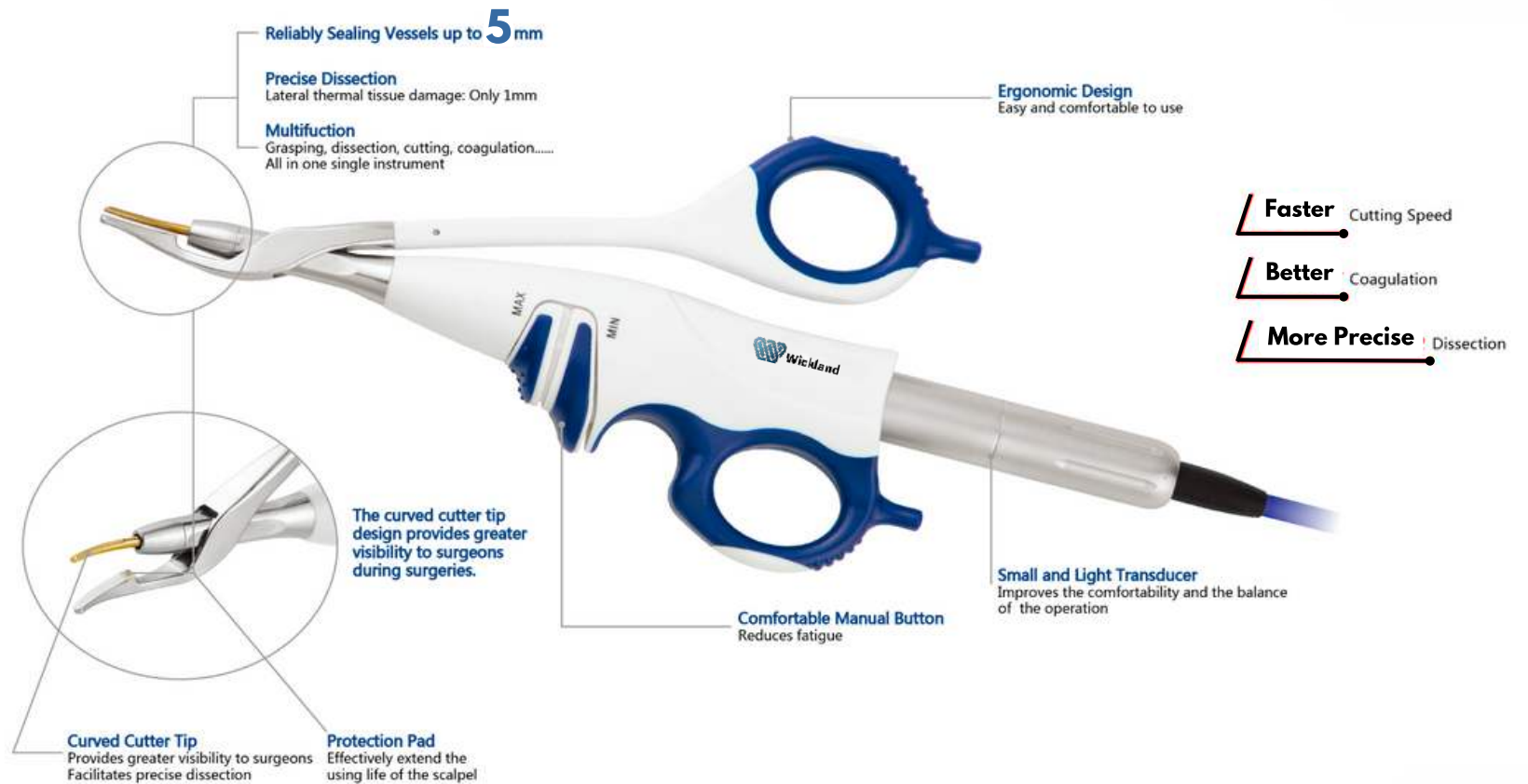
Average cutting speed : 4.3s(EG US36) Vs: 5.4s(similar product)

Reliably Sealing Vessels up to 5mm



Burst pressure for 3-5mm vessels: EG US 36 vs. similar product.

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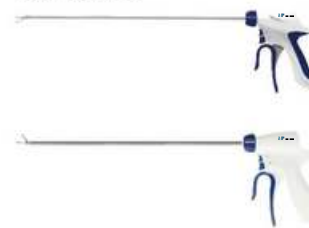
Adaptive Tissue Technology

- Energy output can be adjusted according to tissue changes.
- Effectively improve cutting speed.
- Reduce lateral thermal tissue damage.



Product Code	Compatible With	Packaging
EG GN15	All EG ENERGY™ Instruments	1 pcs/case

Shear Scalpel



Product Code	Shaft Diameter	Shaft Length	Tip	Packaging
EG US 36D	5mm	36cm	Curved	3 pcs/case
EG US 23D	5mm	23cm	Curved	3 pcs/case
EG US 14D	5mm	14cm	Curved	3 pcs/case

Product Code	Shaft Diameter	Shaft Length	Tip	Packaging
EG US 36R	5mm	36cm	Curved	3 pcs/case
EG US 23R	5mm	23cm	Curved	3 pcs/case
EG US 14R	5mm	14cm	Curved	3 pcs/case

Forceps Scalpel



Product Code	Length	Tip	Packaging
EG UF 09D	9cm	Curved	5 pcs/case

Product Code	Length	Tip	Packaging
EG UF 09R	9cm	Curved	5 pcs/case

Transducer

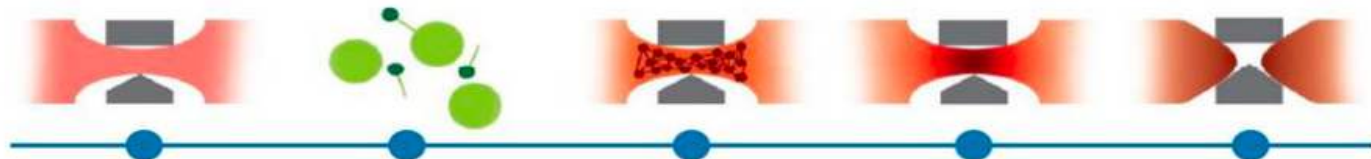


Product Code	Compatible With	Packaging
EG TR100	EG US 36D, EG US 23D, EG US 14D EG US 36R, EG US 23R, EG US 14R	1 pcs/case

Product Code	Compatible With	Packaging
EG TR200	EG UF 09D, EG UF 09R	1 pcs/case

What is Klandsonic Scalpel System?

- ◆ Using Ultrasonic energy to coagulate and divide tissue and provide hemostasis
- ◆ Ultrasonic system convert the electrical energy into mechanical energy, the blade vibrates longitudinally at 55,500 Hz by ultrasonic energy, then denatures protein, creates coagulum, occludes and seal the vessels.
- ◆ less lateral tissue damage and minimal smoke, which can be used all kinds of surgery, especially more fit to Minimally Invasive Surgery



Klandsonic Scalpel System



Generator



Transducer for Pistol Scalpel



Transducer for Forceps Scalpel

Klandsonic Scalpel System

Pistol scalpel (36, 23, 14cm)



Forceps scalpel

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Klandsonic Scalpel System

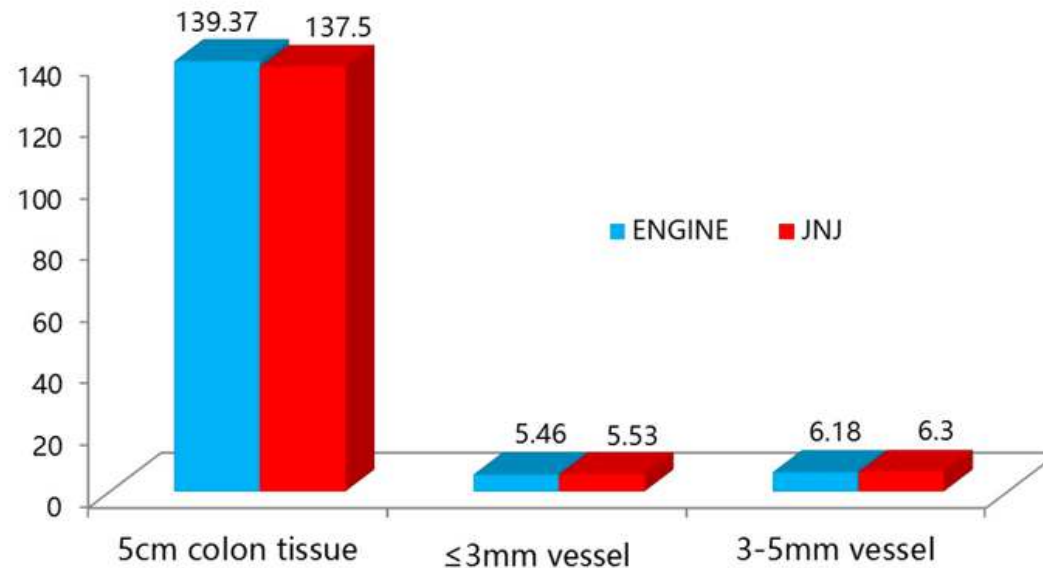
Code	Description	Package
EG GN 15	Generator with foot switch	1pc/box
EG TR100	Transducer for Pistol Scalpel	1pc/box
EG TR200	Transducer for Forceps Scalpel	1pc/box
EG FS15	Foot Switch	1pc/box
EG US36D	5mm Laparoscopic Curved,Pistol,36cm	3pc/box
EG US23D	5mm Open Curved,Pistol,23cm	3pc/box
EG US14D	5mm Open Curved,Pistol,14cm	3pc/box
EG UF09D	Open Curved,Forceps,9cm	5pc/box
EG US36R	5mm Laparoscopic Curved,Pistol,36cm	3pc/box
EG US23R	5mm Open Curved,Pistol,23cm	3pc/box
EG US14R	5mm Open Curved,Pistol,14cm	3pc/box
EG UF09R	Open Curved,Forceps,9cm	5pc/box

Decrease Operative System

Increased transection speed allows you to move through tissue quickly
 Vessels and bundles can be sealed and divided in **3 to 5 seconds**
 Decrease Operative time

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BENEFIT



Reliably seal vessels up to 3mm

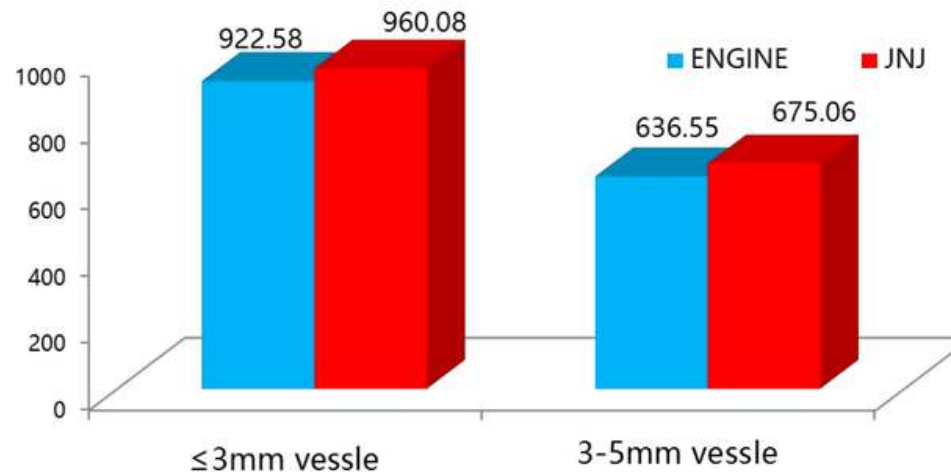
Effective vessel-sealing capability : reliably seal vessels up to 3mm

Burst pressure of the 3mm and 3-5mm diameter of the vascular closure end is no difference with JNJ

Considering the safety of the operation, we still recommend the safe use of cutting:
 $\leq 3\text{mm}$

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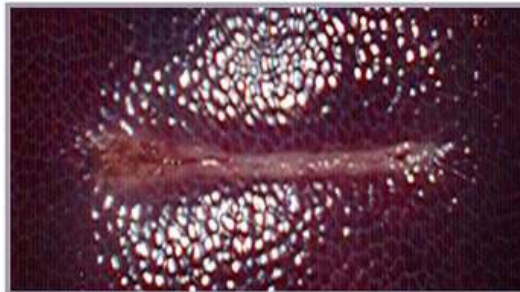
BENEFIT



Precision Coagulation

Minimal Lateral Thermal Tissue Damage : $\leq 1\text{mm}$
Operating more safely near vital organs

Ultrasonic



Monopolar



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BENEFIT

Easy To Use



- **Superior ergonomics, Intuitive design**
- **Integrated clicker while closed tissue**
- **Smoothly rotating**
- **Stronger gripping force**

Safety Surgery Operation

- **Less Smoke Formation**
- **No Stray Energy**
- **No Neuromuscular Stimulation**
- **No Electrical Energy to or through Patient**

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APPLICATION

Breast surgery

- Radical operation of breast cancer
- Excision of breast lump
- Axillary lymph node dissection

Hepatobiliary surgery

- Cholecystectomy
- Splenectomy

Abdominal surgery

- Resection of gastric cancer
- Resection of rectal cancer
- Laparoscopic colorectal operations

Gynecologic surgery

- Myomectomy
- Andnextectomy
- Subtotal hysterectomy / total resection
- Pelvic lymph node dissection
- Lysis of adhesions

ENT surgery

- Tonsillectomy
- Uvulopalatopharyngoplasty (UPPP)
- Excision of tumor of parotid gland

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APPLICATION

Thoracic surgery

- Radical resection of esophageal cancer
- Radical operation of lung cancer
- Operation of diaphragm
- Total lung resection
- Lobectomy

Head and neck surgery

- Thyroidectomy
- Neck lymph node dissection

Urology Surgery

- Excision of cyst of kidney
- radical nephrectomy
- Kidney transplantation and kidney transplantation
- Excision of adrenal gland
- Radical prostatectomy
- Radical operation of bladder cancer
- Nephrectomy