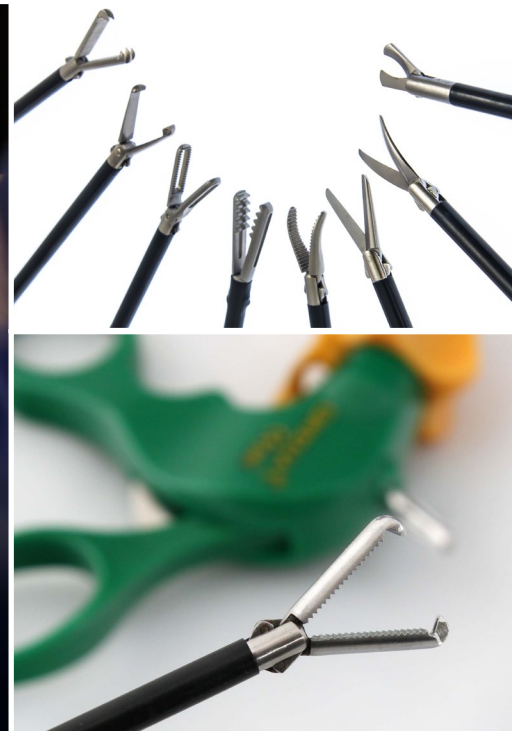


Endoscopic Instruments

Scissors, Dissectors, Graspers

Precision and ergonomics in your hand



PROVIDING SPECIALISTS WITH
INNOVATIVE
HEALTHCARE SOLUTIONS

WITH THE CENTRAL FOCUS ON
PATIENTS' SAFETY AND USERS' COMFORT



Disposable endoscopic instruments

Our complete range of lightweight disposable mono-polar endoscopic instruments designed to fulfill all the crucial requirements of endo-surgens is now put on the market. The full range includes graspers, scissors and dissectors.

We also offer bariatric endoscopic instruments.

The devices were designed to be precise and sharp to offer comfort cutting.

The dissectors are made available both with a non-ratcheted handle and a switchable ratcheted one.

The range of graspers equipped with a switchable ratchet is there to facilitate surgery on any tissue.

The product is EO sterilized.

KEY FEATURES:

- ergonomic handle
- easy ratchet trigger
- comfortable access to rotating knob
- wide jaws opening
- reliable insulation for increased safety
- consistent and precise performance
- 4mm mono-polar connector compatible with majority of HF-cables on the market



Reusable Limited-use endoscopic instruments

Apart from the disposable instruments we offer the range of the reusable Limited-use™ products. They come in the same rich range (except 3 mm) and are aimed at meeting the requirements of all laparoscopic surgeons. The main advantage of the reusable limited-use™ instruments is the fact they are intended for up to 10 uses. The product is delivered sterile (EO) and can be re-sterilized up to 9 times. This combines the benefit of short lifetime of the product and economy of use. There is no hassle in taking care of the service of the reusable device and there is no concern of sharpness and functionality after certain number of reuses.

The scissors were designed to be precise and sharp to offer comfort cutting.

The dissectors are made available both with a non-ratcheted handle and a switchable ratcheted one.

The range of graspers equipped with a switchable ratchet is there to facilitate surgery on any tissue.







The reusable limited-use™ instruments are equipped with flushing channel that allows proper cleaning after each use.

Limited useTM





Up to 10 uses























Scissors

| REF DISPOSABLE | REF LIMITED USE | PRODUCT | TIP | TYPE/ COLOUR | SIZE | PCS PER BOX |
|----------------|-----------------|--------------------------------|--|----------------|------|-------------|
| 0208-DS01XX | 0207-LS01XF | Metzenbaum scissors - curved |  | Standard ● | 5 mm | 4 |
| 0208-DS02XX | 0207-LS02XF | Metzenbaum scissors - straight |  | Standard ● | 5 mm | 4 |
| 0208-DS03XX | 0207-LS03XF | Scissors - hook |  | Standard ● | 5 mm | 4 |
| 0208-DS01XXB | 0207-LS01XFB | Metzenbaum scissors - curved |  | Bariatric ● | 5 mm | 4 |
| 0208-DS02XXB | 0207-LS02XFB | Metzenbaum scissors - straight |  | Bariatric ● | 5 mm | 4 |
| 0208-DS03XXB | 0207-LS03XFB | Scissors - hook |  | Bariatric ● | 5 mm | 4 |

Dissectors

| REF DISPOSABLE | REF LIMITED USE | PRODUCT | TIP | TYPE/ COLOUR | SIZE | PCS PER BOX |
|----------------|-----------------|-----------------------------------|--|----------------|------|-------------|
| 0208-DD01XX | 0207-LD01XF | Dissector - Maryland |  | Standard ● | 5 mm | 4 |
| 0208-DD01RX | 0207-LD01RF | Dissector with ratchet - Maryland |  | Standard ● | 5 mm | 4 |
| 0208-DD01XXB | 0207-LD01XFB | Dissector - Maryland |  | Bariatric ● | 5 mm | 4 |
| 0208-DD01RXB | 0207-LD01RFB | Dissector with ratchet - Maryland |  | Bariatric ● | 5 mm | 4 |

Graspers



| REF DISPOSABLE | REF LIMITED USE | PRODUCT | TIP | TYPE/ COLOUR | SIZE | PCS PER BOX |
|----------------|-----------------|---|--|--|------|-------------|
| 0208-DG01RX | 0207-LG01RF | Grasper with ratchet - atraumatic fenestrated |  | Standard  | 5 mm | 4 |
| 0208-DG02RX | 0207-LG02RF | Grasper with ratchet - Allis |  | Standard  | 5 mm | 4 |
| 0208-DG03RX | 0207-LG03RF | Grasper with ratchet - MaxiGrip |  | Standard  | 5 mm | 4 |
| 0208-DG04RX | 0207-LG04RF | Toothed grasper with ratchet |  | Standard  | 5 mm | 4 |
| 0208-DG05RX | 0207-LG05RF | Grasper with ratchet - Babcock |  | Standard  | 5 mm | 4 |
| 0208-DG01RXB | 0207-LG01RFB | Grasper with ratchet - atraumatic fenestrated |  | Bariatric  | 5 mm | 4 |
| 0208-DG02RXB | 0207-LG02RFB | Grasper with ratchet - Allis |  | Bariatric  | 5 mm | 4 |
| 0208-DG03RXB | 0207-LG03RFB | Grasper with ratchet - MaxiGrip |  | Bariatric  | 5 mm | 4 |
| 0208-DG04RXB | 0207-LG04RFB | Toothed grasper with ratchet |  | Bariatric  | 5 mm | 4 |
| 0208-DG05RXB | 0207-LG05RFB | Grasper with ratchet - Babcock |  | Bariatric  | 5 mm | 4 |




3 mm endoscopic instruments


Grena's 3 mm endoscopic instruments were designed to bring ultimate comfort for the patient without alteration of surgical techniques. Due to reduced port size excellent cosmetic effect is achieved. Postoperative pain, recovery time and port-site herniation are greatly reduced. Shorter recovery time, less pain killers and less waste generate substantial cost reduction for health service facility.

Surgeon receives instruments of uncompromised strength and rigidity with the most commonly used jaw configurations what allows to perform majority of laparoscopic interventions in the same way as with 5 mm or 10 mm devices.



| REF DISPOSABLE | REF LIMITED USE | PRODUCT | TIP | TYPE | SIZE | PCS PER BOX |
|----------------|-----------------|--------------------------------|--|---------------|------|-------------|
| 0208-DS01XX03 | - | Metzenbaum scissors - curved |  | Standard ● | 3 mm | 4 |
| 0208-DS02XX03 | - | Metzenbaum scissors - straight |  | Standard ● | 3 mm | 4 |

| REF DISPOSABLE | REF LIMITED USE | PRODUCT | TIP | TYPE | SIZE | PCS PER BOX |
|----------------|-----------------|---|--|---------------|------|-------------|
| 0208-DG01RX03 | - | Grasper with ratchet - atraumatic fenestrated |  | Standard ○ | 3 mm | 4 |
| 0208-DG03RX03 | - | Grasper with ratchet - MaxiGrip |  | Standard ● | 3 mm | 4 |
| 0208-DG04RX03 | - | Toothed grasper with ratchet |  | Standard ● | 3 mm | 4 |

| REF DISPOSABLE | REF LIMITED USE | PRODUCT | TIP | TYPE | SIZE | PCS PER BOX |
|----------------|-----------------|----------------------|--|---------------|------|-------------|
| 0208-DD01XX03 | - | Dissector - Maryland |  | Standard ● | 3 mm | 4 |

Endoscopic instruments range

5 mm Instruments



3 mm Instruments



Bariatric Instruments



With Ratchet



Without Ratchet



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