

LIMAS MORCELLATOR[®]

& PNEUM⁺SAC[®] (SAFETY ISOLATION BAG[®])

The complete Morcellation System

PATENTED*



LIMAS

*Made in-bag morcellation
easier and simpler with*

PNEUM⁺SAC[®] (SAFETY ISOLATION BAG[®])

&

LIMAS MORCELLATOR[®]

Awards & Recognitions



“THE BIZZ - 2024
AWARD”
USA-HOUSTON



EDISON AWARDS[®]
WINNER 2020 - USA



“QUALITY CHOICE
PRIZE 2024 -AUSTRIA”



“GOLD STEVIE ASIA
PACIFIC AWARD 2023”



“INDIA BOOK OF
WORLD RECORDS - 2024”

“MAHATMA GANDHI
NATIONAL EXCELLENCE
AWARD-2019”

The World's First Ready to insert Morcellation Bags with Multiple Channels & NON TWIST Design

MOTOR DRIVE UNIT (MDU)

- Cutting Speed ranging 100 rpm to 3000 rpm
- Convenient foot pedal control



ROTOR CABLE

- Reusable Rotor Cable with similar ends for MDU and Handle
 - Compatible with Gynecare & similar morcellators.
- Average Usage : 1000 + Times

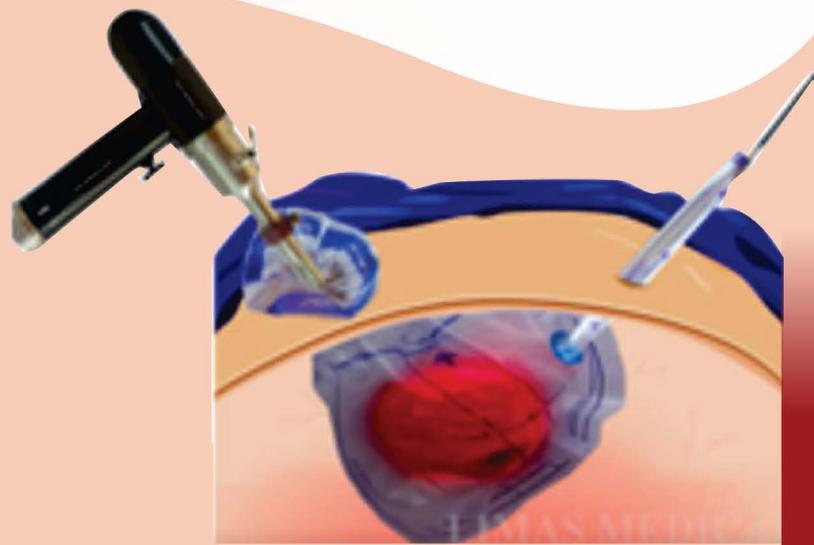
REUSABLE HANDLE WITH CUTTER TUBES AND TROCAR

- inter changeable with 10mm/12 mm /15 mm & 18 mm cutter tubes on the same handle
 - available with Vaginal morcellator cutter tubes compatible to the same handle
 - increased patients safety with adjustable core guard with 180° rotation
- Cutter Tubes Average Usage : 100 + Times



OBTURATOR, WASHER & HANDLE HEAD CAP

- Conical blunt tip obturator with pin hole locking head
- Patented design for easy insertion of Hand piece
- Available for 10mm/12mm/15mm/18mm cutter tubes
- The Double Decker washer for increased pneumoseal
- Prevents spillage of blood on to the surgeon



PNEUMOSAC[®]

(SAFETY ISOLATION BAG[®])

Ready to Insert device with
NON-TWIST DESIGN &
Multiple channels
(for in-bag morcellation)

SAFETY ISOLATION BAG[®]

THE IN-BAG MORCELLATION DEVICE

SAFETY ISOLATION BAG[®]

Tissue Retrieval - Endo - Bags

Endo Bags of different sizes : 200 ml
300ml
650 ml
900ml

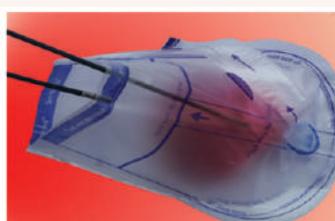
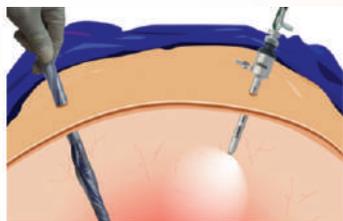


PNEUMOSAC[®] Sizes

- : 1800 ml
- : 2500ml
- : 3200 ml
- : 4200ml
- : 5000ml



Experts Certify.... **PNEUMOSAC[®]**
(SAFETY ISOLATION BAG[®])
“Is The best Morcellation Device in the world
and made In-Bag Morcellation Simpler”



PRECAUTIONS: careful inspection of the SAFETY ISOLATION BAG[®] (PNEUMOSAC[®]) and all associated equipments prior to use is extremely essential. If the sterile packing of PNEUMOSAC[®] appears to be damaged or if the seal is opened, please do not attempt to use it as the sterility of the device may have been compromised. PNEUMOSAC[®] is a single use disposable device. Do not try to re-sterilize or reuse. Do not use any part of PNEUMOSAC[®] or introducer beyond the indicated expiration date. PNEUMOSAC[®] should be constantly monitored by video when used for morcellation or tissue extraction. Follow aseptic techniques while introducing the PNEUMOSAC[®] into the abdominal cavity. it is recommended to use only blunt instruments for holding or pulling out the device so as to prevent damaging the integrity of the product. Laparoscopic power morcellator should be introduced inside the PNEUMOSAC[®] only after untwisting the mouth of the device and while in OFF configuration of the cutter blade and only along with the blunt obturator with a clockwise spiral movement. The obturator of the LIMAS MORCELLATOR[®] Should always be used while introducing it into the PNEUMOSAC[®]. While using in conjunction with exposed blades or cutting instruments, at most care should be taken to avoid contact with the PNEUMOSAC[®] this may cause rupture of the device, Also PNEUMOSAC[®] should not be used with vacuum assisted morcellators. After used, disposal should be done in the same manner in accordance with the applicable regulations or as per the disposal procedures followed in your healthcare facility.

STEPS OF IN –BAG MORCELLATION USING

PNEUMOSAC® (SAFETY ISOLATION BAG®)

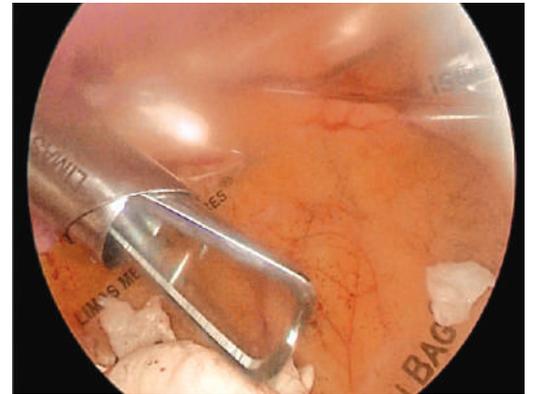
Step 1 ▶▶ Once ready for power morcellation, widen the morcellation port incision enough considering the size of the morcellator and the morcellation bag. Slide-out the paper tag from the device as shown on the tag by holding just below the paper tag. Insert the ready to insert **PNEUMOSAC®** into the abdominal cavity through the incision for morcellation by a clockwise forward pushing into the abdominal cavity to the maximum. Pull out the flexible introducer from the **PNEUMOSAC®** by pulling with an anti-clockwise rotation on the introducer. The **PNEUMOSAC®** is fully pulled into the abdominal cavity using a non-traumatic grasper such that the black colour layer is facing posterior and blue layer anterior and the Tubular guide facing upward.

Step 2 ▶▶ Open the **PNEUMOSAC®** by Unrolling the Device by pulling the tubular guide while holding on to the mouth of the bag. Make sure that the body of the device is fully opened before trying to place the tumour inside the device. Place the tissue specimens to be removed inside the **PNEUMOSAC®** and push it to the bottom of the bag.

Step 3 ▶▶ Once the specimens are placed inside, - pull out the mouth of the **PNEUMOSAC®** edge-by- edge till the marking, through the morcellation port using a non-traumatic grasper, keeping the maximum body of the device inside the abdominal cavity. Clamp the mouth of the device with an artery forceps. Then pull out the **tubular guide** through the primary port either by rail roading or by using a 5 mm telescope. Pull the tubular guide till all the three arrow marks on the tubular guides are brought out.

Step 4 ▶▶ Make a small opening to pass the telescope and trocar cannula through the tubular guide. Along **with gas flow**, advance the telescope first through the tubular guide till it passes through the valve's opening under vision and once the telescope entered the body of the device, then push the trocar fully into the body of the device. Inflate the device with gas. Once the trocar is well entered, tie outside the tubular guide, with one of the thread provided along with the device.

Step 5 ▶▶ Once the **PNEUMOSAC®** is completely filled up, untwist the mouth opening of the device and under vision introduce the **LIMAS MORCELLATOR®** hand piece through the mouth opening of the **PNEUMOSAC®**. Put a Tie outside the mouth of the device and the morcellator hand piece with another thread. Once the morcellation is completed and the tissues are extracted, remove the telescope and the morcellator hand piece after untying the threads. **Put a tight knot just below the opening made on the tubular guide.** and pull out the **PNEUMOSAC®** through the morcellation port holding at the mouth of the device.



ORDERING INFORMATION

LIMAS MORCELLATOR® Model: LM 0025

Motor Drive Unit LMD01

Power Cord LMD02

Foot Switch LMD03

Rotor Cable LMC04

Reusable Handle LMH05

Cutter Tubes:

10mm LMB10.2

12mm LMB12.2

15mm LMB15.2

18mm LMB18.2

Washers:

10mm LMW10.0

15mm LMW15.0

18mm LMW18.0

Handle Head Cap LMHHC.0

PNEUMOSAC®

(Morcellation Bags)

Capacity	Fibroid Size
5000 MI	up to 20 cm
4200 MI	up to 16 cm
3200 MI	up to 14 cm
2500 MI	up to 12 cm
1800 MI	up to 07 cm

Tissue Retrieval Endo Bags : 200/300/650/900ml



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Licence Number : MFG/MD/2023/000018

Authorized Dealer :

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