

OLYMPUS[®]

Your Vision, Our Future

OLYMPUS

Endo**Therapy**
BEYOND THE SCOPE

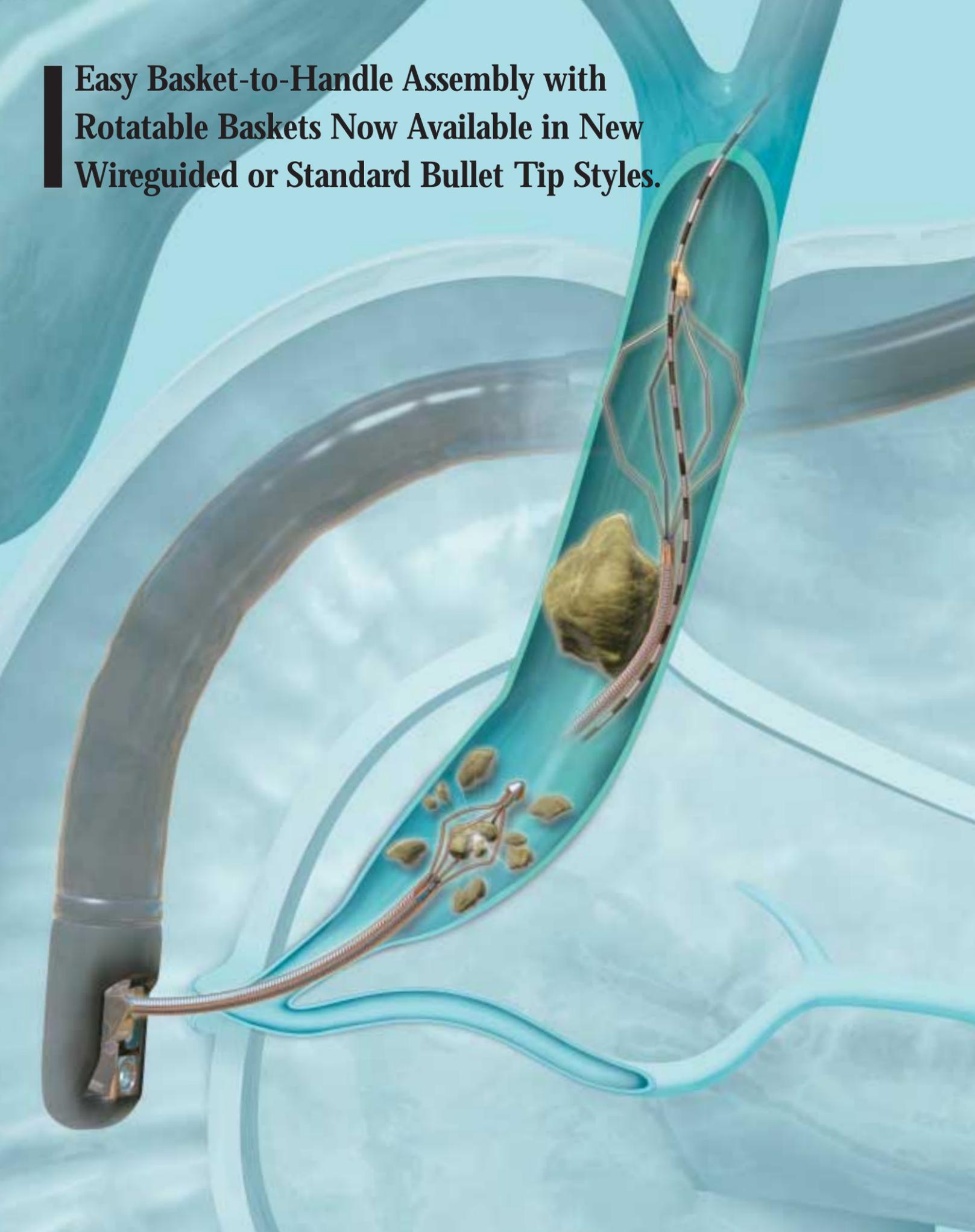


Single-Use Mechanical Lithotriptors

LithoCrush[™]



Easy Basket-to-Handle Assembly with Rotatable Baskets Now Available in New Wireguided or Standard Bullet Tip Styles.



The Innovative V-System Design Lets You Proceed with Confidence and Efficiency

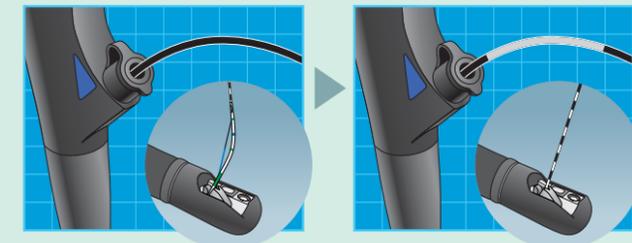
The V-System is a complete system that integrates Olympus endoscopes and EndoTherapy devices. The revolutionary V-System design offers the option of guidewire manipulation by the physician or the assistant, allows smooth exchange of catheters, and enhances cannulation capability.



V-Marking

Indicates when to raise and lower the V-Groove forceps elevator.

The exclusive V-Marking is located on the proximal side of the sheath. When this marking reaches the channel port on the scope's control section, it indicates that the device tip has reached the distal end of the scope and the V-Groove forceps elevator may be lowered. When withdrawing the device from the scope, the same marking indicates when to raise the elevator to lock the guidewire.



Note: Although the V-Marking is usually black, it is gray on the wireguided type.

V-System device replacement procedure

Confirm the position of the V-Marking on the V-System EndoTherapy accessory.

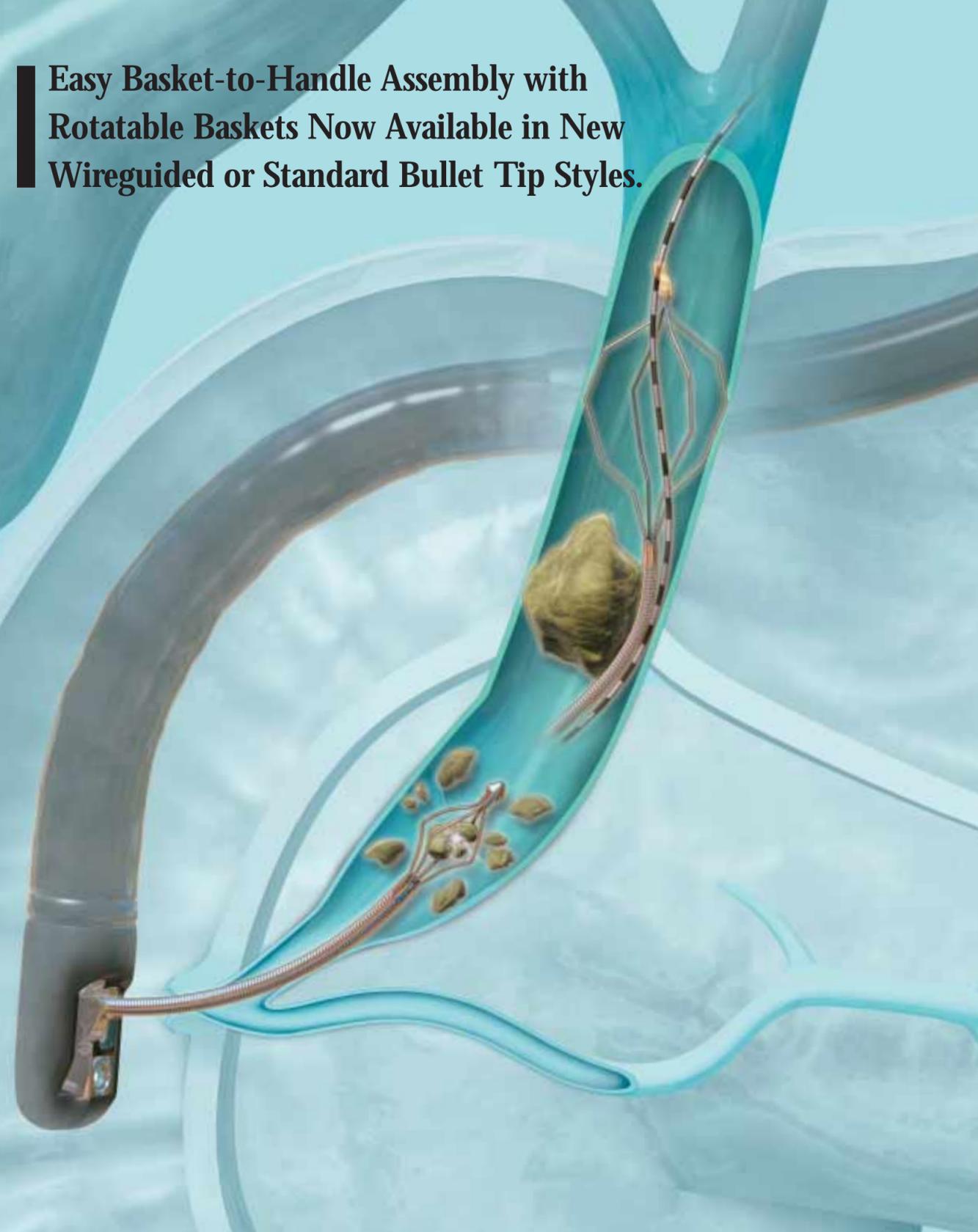
When the V-Marking is completely visible above the instrument channel port, lift the forceps elevator to lock the guidewire.

The guidewire is now locked into the V-Groove.

Completely remove the device.



Easy Basket-to-Handle Assembly with Rotatable Baskets Now Available in New Wireguided or Standard Bullet Tip Styles.



Versatile and easy-to-use, these next-generation rotatable mechanical lithotriptors are available in new wireguided and standard bullet tip styles, with a new handle design for possibly simpler, shorter procedures



*LithoCrushV™ is the name of Olympus V-System single-use mechanical lithotriptors.

Bullet tip style features excellent insertion and grasping capabilities

With a dual tube sheath and coil sheath construction, this design effectively combines the benefits of the tube's outstanding insertion ability with the coil's remarkable torque performance. The resulting device is unique in its ability to provide both powerful stone crushing performance and easy insertion.

Product line now includes a hard-wire type with stronger wire

The hard-wire type basket with 19 strands versus the standard 12 strands has greater crushing power and is ideal for repeated crushing.

Wire-constructed cross section



Improved retrieval performance with advanced rotation mechanism

Thanks to the new handle design, all models now feature a basket rotation function that makes retrieval of small stones and crushed stones easier and more efficient.

Injection of contrast medium possible

A convenient contrast medium port allows injection of contrast medium with a syringe.

Wireguided style with dramatically improved insertion capability

Employing a "monorail" construction with a guidewire lumen at the distal end, this design makes it easier to exchange catheters and insert the basket into the papilla. It also facilitates selective approach of the intrahepatic bile ducts or other target sites.



*Monorail™ construction

*With the wireguided style model, the rotation mechanism functions only when the guidewire is pulled out.



To maximize safety and convenience, the basket, inner sheath, and outer sheath are preassembled, presterilized, and disposable.

The handle is autoclavable for ensured reliability.

New handle design takes a quantum leap forward in simplicity and maneuverability

Basket rotation mechanism

Once the basket has been attached to the handle, a simple twist of the knob is all that's required to turn the basket.

Easy attachment to sheath

Mounting the handle on the sheath is a breeze.



Ratchet prevents loss of traction on the stone

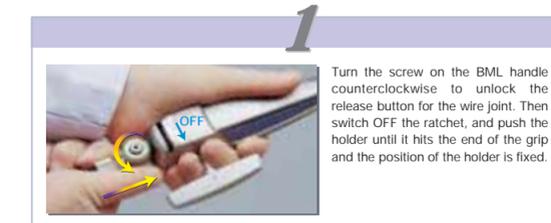
The handle is provided with a ratchet to prevent the counter-rotation of the grip that can be caused by reactive force when a large, hard calculus is crushed.

T-Lever allows easy application of pressure

The contoured handle and new T-Lever are easy to grip and make it easier to apply pressure when a stone is crushed. Combined with the ratchet, this improves control of the basket.

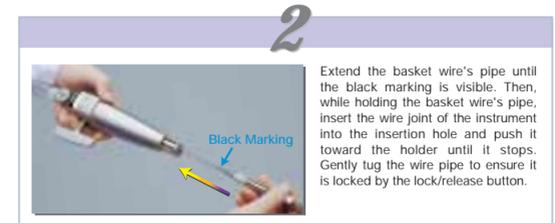
How to attach the sheath to BML handle V (MAJ-441)

⚠ : Refer to instructions.



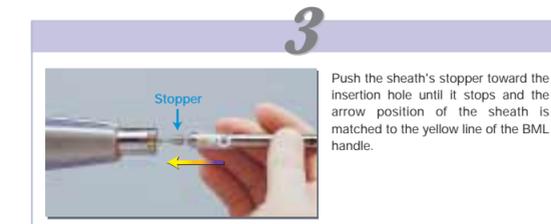
1

Turn the screw on the BML handle counterclockwise to unlock the release button for the wire joint. Then switch OFF the ratchet, and push the holder until it hits the end of the grip and the position of the holder is fixed.



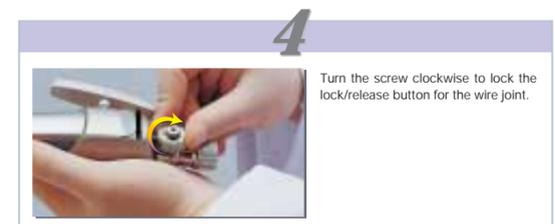
2

Extend the basket wire's pipe until the black marking is visible. Then, while holding the basket wire's pipe, insert the wire joint of the instrument into the insertion hole and push it toward the holder until it stops. Gently tug the wire pipe to ensure it is locked by the lock/release button.



3

Push the sheath's stopper toward the insertion hole until it stops and the arrow position of the sheath is matched to the yellow line of the BML handle.



4

Turn the screw clockwise to lock the lock/release button for the wire joint.

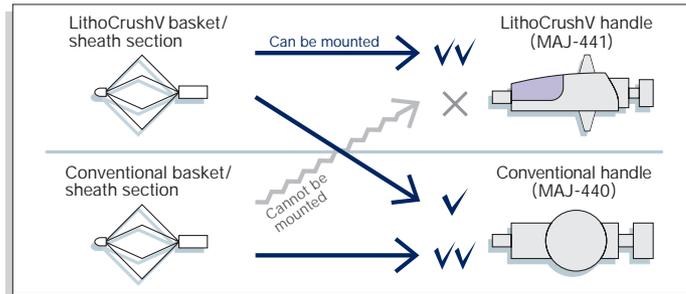
Specifications

Model	Bullet tip/Wireguided type	Opening width	Hard/Standard basket-wire type	Minimum channel size	Compatible guidewire
BML-V242QR-30	Bullet tip type	30 mm	Hard	4.2 mm	-
BML-V232QR-30	Bullet tip type	30 mm	Standard	3.2 mm	-
BML-V232QR-26	Bullet tip type	26 mm	Standard	3.2 mm	-
BML-V442QR-30	Wireguided type	30 mm	Hard	4.2 mm	0.89 mm (0.035")

LithoCrushV handle

Model	Feature
MAJ-441	Rotation mechanism, counterrotation-preventing ratchet mechanism, autoclavable

Handle and basket/sheath section compatibility



Notes:

- When the LithoCrushV basket/sheath section is connected to the conventional handle, the rotation mechanism does not work.
- LithoCrushV Basket is attached to conventional handle in the same manner as the conventional baskets are attached to the conventional handle.



BML-110A-1

An emergency device, this is only to be used in the rare event of basket impaction due to an extremely hard calculus.

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.

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