

# SmartRelease<sup>®</sup>

## Endoscopic Soft Tissue Release System

*For Carpal Tunnel Release*



**MICROAIRE<sup>®</sup>**  
*For Surgery. For Life.<sup>™</sup>*

Minimally Invasive Endoscopic Treatment for Carpal Tunnel Syndrome

# SmartRelease<sup>®</sup>

## Endoscopic Soft Tissue Release System

- Easy to learn, simple to use
- Documented safety and efficacy <sup>1,2,3</sup>
- Complete set of custom instrumentation
- Surgical protocol developed and tested by a panel of hand surgeons
- Designed exclusively for transecting the transverse carpal ligament



### Standard Disposable Blade Assembly

(Single) | 81010-1  
(6-pack) | 81010-6

- Sterile package
- Window at the tip of the assembly provides direct view of the transverse carpal ligament and surrounding anatomy
- Disposable blade assembly features a retractable blade that rises straight up, without curving outward



### Onyx™ Low Profile Disposable Blade Assembly

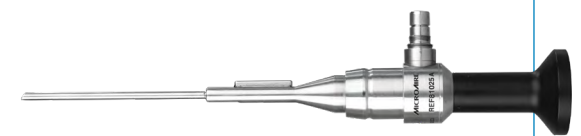
(Single) | 83030-1  
(6-pack) | 83030-6

- Less volume for smaller, tighter carpal tunnels
- Sharper blade than the standard blade assembly
- Scraper tip assists with clearing the tenosynovium
- Black color absorbs light for improved tissue contrast



### SmartRelease<sup>®</sup> Aluminum Handpiece | 83014

- Aluminum, pistol-grip handpiece
- Endoscope slides into position from the back
- Blade assembly click-locks onto the front
- Turn-latch on top of the instrument allows blade assembly to be rotated for right- or left-hand surgery and locks the blade in any position along the rotation axis



### 2.9mm Eyepiece Autoclavable Endoscope | 81025

- Connects to a standard camera coupler
- Storz<sup>®</sup> and Wolf<sup>®</sup> light-post adapters



“ Single-portal endoscopic surgery is a safe and effective method of treating carpal tunnel syndrome.<sup>2</sup> ”



# Minimally invasive, single-portal technique.

Coequal to Standard Blade Assembly | 81061



Coequal to Onyx™ Blade Assembly | 83061



Dilator – Small | 81026



Dilator – Medium | 81027

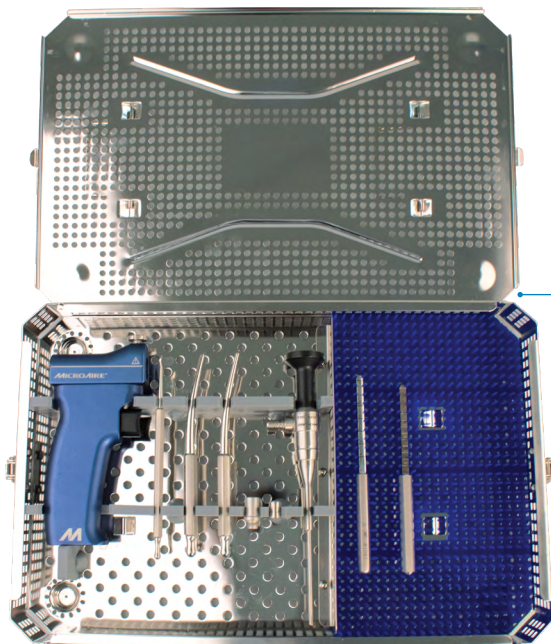


- Instruments prepare a path for the blade assembly
- Assist in locating the distal margin of the transverse carpal ligament

Elevator | 81029



- Separates the synovium from the underside of the transverse carpal ligament for better identification of the anatomy



Sterilization Tray for SmartRelease® | 83040

- Stainless steel with silicone insert
- High impact strength, durable construction
- Withstands repeated sterilization cycles for major sterilization methods
- Accommodates handpiece, synovium elevator, coequals, dilators, endoscope, and light post adapters
- Additional space for surgical instrumentation and autoclavable camera & light cables
- 25.6cm x 39.5cm x 5cm

Improved patient satisfaction—  
less pain, smaller scar and quicker recovery.<sup>1,2</sup>

**Single-portal Endoscopic Surgery** is a minimally invasive procedure that reduces post-operative pain by avoiding an open incision extending from the wrist across to the palm. Endoscopic Surgery is highly effective and has been used for more than 20 years. It results in less post-operative pain, a minimal scar concealed by a wrist crease, and generally allows patients to resume some normal activities in a short period of time.<sup>1,2</sup>

Carpal Tunnel Release



Open Surgery

Endoscopic Surgery

# Ordering Information

## 81000 Series Components

<b>83014</b>	SmartRelease® Aluminum Handpiece
<b>81025</b>	2.9mm Eyepiece Autoclavable Endoscope
<b>81026</b>	Dilator - Small
<b>81027</b>	Dilator - Medium
<b>81029</b>	Elevator
<b>81061</b>	Coequal to Standard Blade Assembly
<b>83061</b>	Coequal to Onyx™ Blade Assembly
<b>83040</b>	Instrument Sterilization Tray

## Refurbished Endoscopes\*

<b>81025A</b>	Refurbished 2.9mm Eyepiece Autoclavable Endoscope
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\* Refurbished endoscopes are sold only with a core scope exchange.

## Disposable Blades

<b>81010-1</b>	Standard Disposable Blade Assembly (1 Blade)
<b>81010-6</b>	Standard Disposable Blade Assembly (1 Box, 6 Blades)
<b>83030-1</b>	Onyx™ Disposable Blade Assembly (1 Blade)
<b>83030-6</b>	Onyx™ Disposable Blade Assembly (1 Box, 6 Blades)

## Parts & Accessories

<b>81151</b>	Endoscope Light Post Adapter, Storz®/Olympus® fitting
<b>81152</b>	Endoscope Light Post Adapter, Wolf®/Dyonics® fitting

To order, call toll free **800·722·0822**

1. "Endoscopic Carpal Tunnel Release: A Comparison of Two Techniques with Open Release." Palmer DH, Paulson JC, Lane-Larsen CL, Peulen VK, Olson JD. Arthroscopy: The Journal of Arthroscopic and Related Surgery. 1993; 9(5):498-508
2. "Single-Portal Endoscopic Carpal Tunnel Release Compared with Open Release." Trumble TE, Diao E, Abrams RA, Gilbert-Anderson MM. The Journal of Bone & Joint Surgery. 2002; 84:1107-115
3. Results of Endoscopic Carpal Tunnel Release Relative to Surgeon Experience With the Agee Technique" Beck JD, Deegan JH, Rhoades D, Klena JC. Journal of Hand Surgery, 2011; 36A:61-64

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