

SmartRelease[®]

Endoscopic Soft Tissue Release System

*For Carpal and Cubital
Tunnel Release*



MICROAIRE[®]
For Surgery. For Life.[™]

Minimally Invasive Endoscopic Treatment for Carpal and Cubital Tunnel Syndrome

SmartRelease[®] Endoscopic Soft Tissue Release System

- Easy to learn, simple to use
- Documented safety and efficacy ^{1,2,3}
- Complete set of custom instrumentation
- Surgical protocol developed and tested by a panel of hand surgeons
- Designed exclusively for transecting the transverse carpal ligament and fascia of the cubital tunnel



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 roof of the carpal or cubital tunnel 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 or cubital tunnels
- Sharper blade than the standard blade assembly
- Scraper tip assists with clearing the tenosynovium
- Black color absorbs light for improved tissue contrast



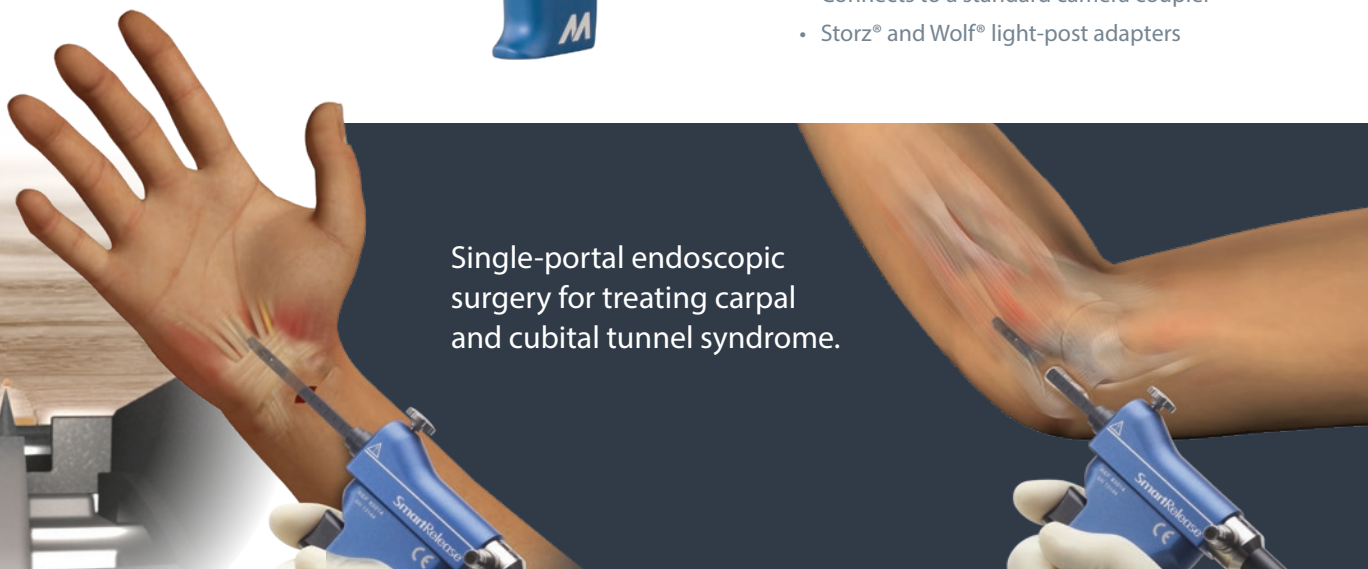
SmartRelease[®] Aluminum Handpiece | 83014

- 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[®] and Wolf[®] light-post adapters



Single-portal endoscopic surgery for treating carpal and cubital tunnel syndrome.

Minimally invasive, single-portal technique.

Coequal to Standard Blade Assembly | 81061



Coequal to Onyx™ Blade Assembly | 83061



Dilator – Small | 81026



Dilator – Medium | 81027

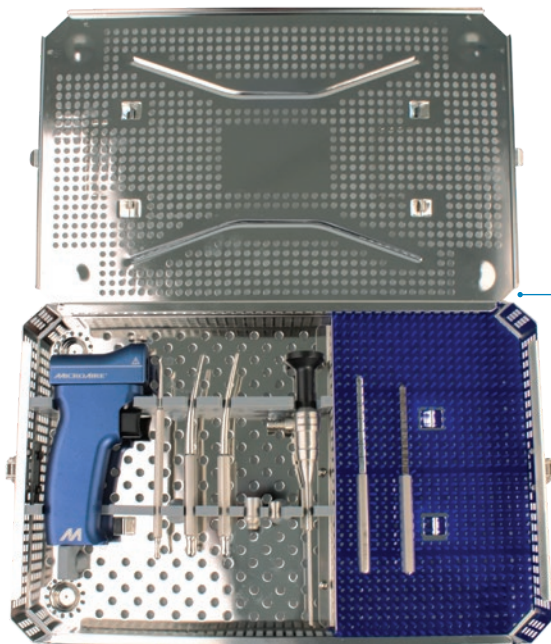


- Instruments prepare a path for the blade assembly

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, coequal, 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.^{1,2}

Carpal Tunnel Release

Cubital Tunnel Release

Open Surgery

Endoscopic Surgery

Endoscopic Surgery is highly effective and has been used for more than 20 years. It results in less post-operative pain, a minimal scar, and generally allows patients to resume some normal activities in a short period of time.^{1,2}

Ordering Information

81000 Series Components

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

Refurbished Endoscopes*

81025A	Refurbished 2.9mm Eyepiece Autoclavable Endoscope
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* Refurbished endoscopes are sold only with a core scope exchange.

Disposable Blades

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

Parts & Accessories

81151	Endoscope Light Post Adapter, Storz®/Olympus® fitting
81152	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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