



# Endoscopic Microdissection Set

acc. to Paul A. Gardner, MD

# Endoscopic Set

This set of endoscopic instruments was designed to fill the gap that exists between current endoscopic instrument technology and standard microscopic dissection instruments. Most microsurgeons rely heavily on forcep dissection and countertraction to perform the majority of fine neurosurgical dissection.

The first generations of endoscopic dissection tools were a blend of ENT/sinus instruments and variations on pituitary forceps. Extendable rhoton-style dissectors have allowed surgeons to recapitulate many of the standard microsurgical techniques, but fine forceps, graspers and needle-drivers have remained a hole in the armamentarium of endoscopic microsurgeons. This set of instruments is designed to fill that gap and provide modern skull base and endoscopic surgeons with the tools necessary to perform all microsurgical maneuvers in any region of the brain or skull base where an endoscope can be used. By filling this critical gap, microsurgical technique can be applied in all situations, allowing modern surgeons to choose and apply approaches based purely on pathology and anatomic principles.



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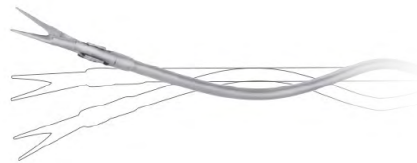
 review testimonial by  
Paul A. Gardner MD

## Color Coding

Simple identification by color coated handles



 Black colored handle  **RIGID SHAFT**



 Golden colored handle  **MEMORY SHAFT (NITINOL)**

- Shapes to coincide with anatomical needs
- Reverts to original shape after sterilization

## 360° Rotatable Working Ends

- Hand controlled wheel ensures exact positioning of the working end
- Rotation offers unparalleled instrument positioning



## NON-Rotatable



Fig.: 46.856.01

### MEMORY SHAFT



**46.813.03**  
Micro Forceps, tip 0.9 mm,  
non-rotatable



specifically designed  
endoscopic microforceps

**46.856.03**  
Micro Pituitary cup blunt,  
non-rotatable

### RIGID SHAFT



**46.813.01**  
Micro Forceps, tip 0.9 mm,  
non-rotatable



specifically designed  
endoscopic microforceps

**46.856.01**  
Micro Pituitary cup blunt,  
non-rotatable

## Rotatable



Fig.: 46.811.04

### MEMORY SHAFT



**46.835.04**  
Micro Scissors, sharp,  
45° angled, movable  
one side, rotatable



**46.811.04**  
Micro Scissors, sharp,  
curved, rotatable

### RIGID SHAFT



**46.835.02**  
Micro Scissors, sharp, 45°  
angled, movable one side,  
rotatable



**46.815.02**  
Micro Needleholder,  
curved, rotatable



**46.811.02**  
Micro Scissors, sharp,  
curved, rotatable

# ENDOSCOPIC MICRODISSECTION SET

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## 19.104.02

Storage- and sterilization tray  
with lid for 9 micro instruments  
498 x 156 x 63 mm



## HEADQUARTERS

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