

A new standard  
in efficiency.



 **Piranha**

Laser Enucleation System



# Laser Enucleation System



89704026 MORCESCOPE BUNDLE

8564122 MORCELLATOR MOTOR HANDPIECE BUNDLE  
(HANDPIECE, CONNECTION CABLE, SEALING INSERT)

8655334 24.5 FR. OUTER SHEATH

Over the last decade, laser enucleation has become an increasingly common treatment for benign prostatic hyperplasia (BPH). Richard Wolf offers a complete system for laser enucleation of the prostate—the only integrated system of its kind for sale in the US. Featuring a laser resectoscope, an offset morcescope, and a tissue morcellator, the PIRANHA Laser Enucleation System provides urologists a cutting-edge, versatile solution needed to execute successful interventions.



# Piranha Morcellation System

A new standard in efficiency

## Increased Functionality

- "PIRANHA mode" for suctioning and morcellation
- Suction and morcellation is centrally managed
- "Suction mode" for suctioning coagulated blood, or very small tissue chips
- Foot Switch allows user to easy toggle between different operating modes
- Disposable tube sets increase efficiency
- Special collection canister collects tissue chips efficiently. The closed collecting canister can be weighed and shipped for histology
- Simple, easy setup
- Minimal operational noise

## Heightened Safety

- Atraumatic, distal morcellator tip
- The bladder mucus membrane cannot be suctioned inadvertently
- Optimum visualization at the cutting window
- No irritating "ping-pong-effect"
- Utilizes an oscillating cutting movement

- High speed ensures maximum cutting force
- Single suction opening avoids inadvertent intake of bladder mucosal membrane
- Tissue is cut rather than chopped
- Morcellated tissue is large enough for histology
- Powerful, lightweight and quiet axial handle
- Handle and cable are fully autoclavable



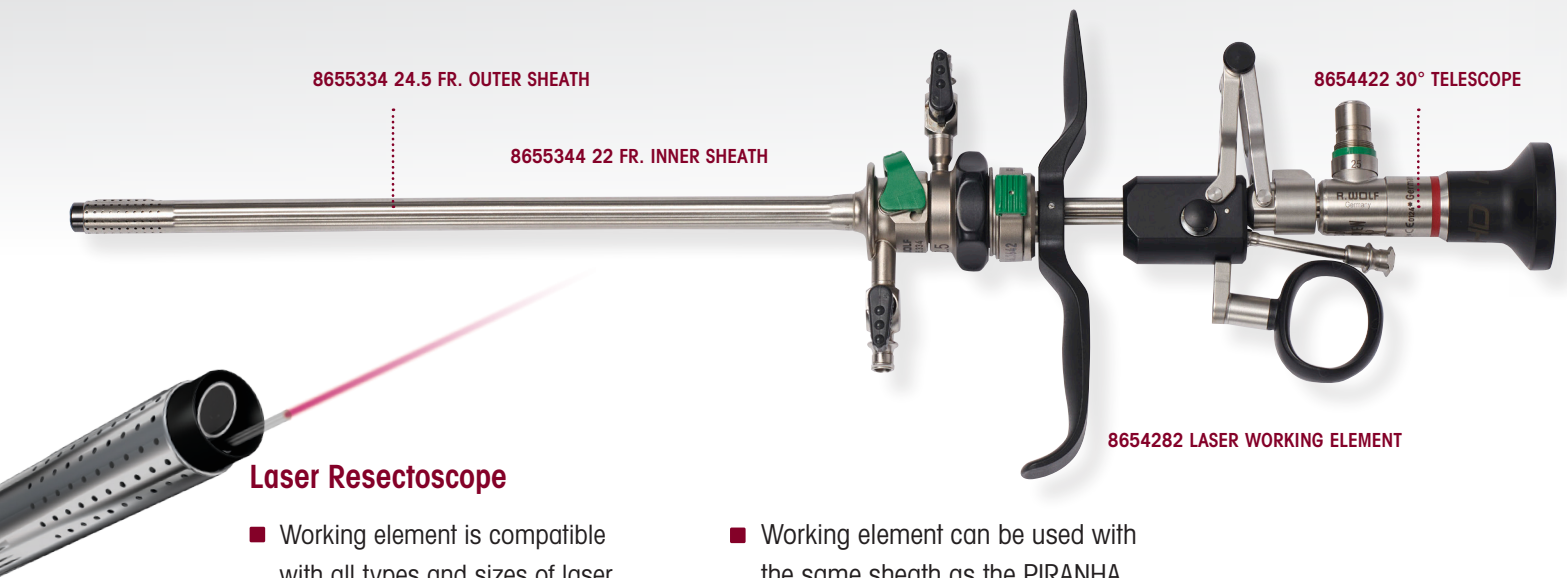
81709835 3L CANISTER BUNDLE (LID & CANISTER)

23030111 MOTOR CONTROL BUNDLE (TOP)

22080115 PIRANHA SUCTION PUMP BUNDLE (BOTTOM)

# Laser Resectoscope and PIRANHA Morcescope

Enucleate and morcellate without having to change outer sheath



## Laser Resectoscope

- Working element is compatible with all types and sizes of laser fibers up to 1000microns in diameter
- Laser-fiber guide tube is easily exchangeable
- Diverse selection of guide tubes

## Laser-Fiber Guide Tube

Universal working element can be used with sizes of laser fibers up to 1000microns in diameter, regardless of manufacturer. We offer five different laser-guide tubes for use.

- Distal tip features an oblique bevel for better visualization of the fiber tip
- Loop keeps tissue out of the way of enucleated chips
- Curved for Vapo Resection
- Straight distal end

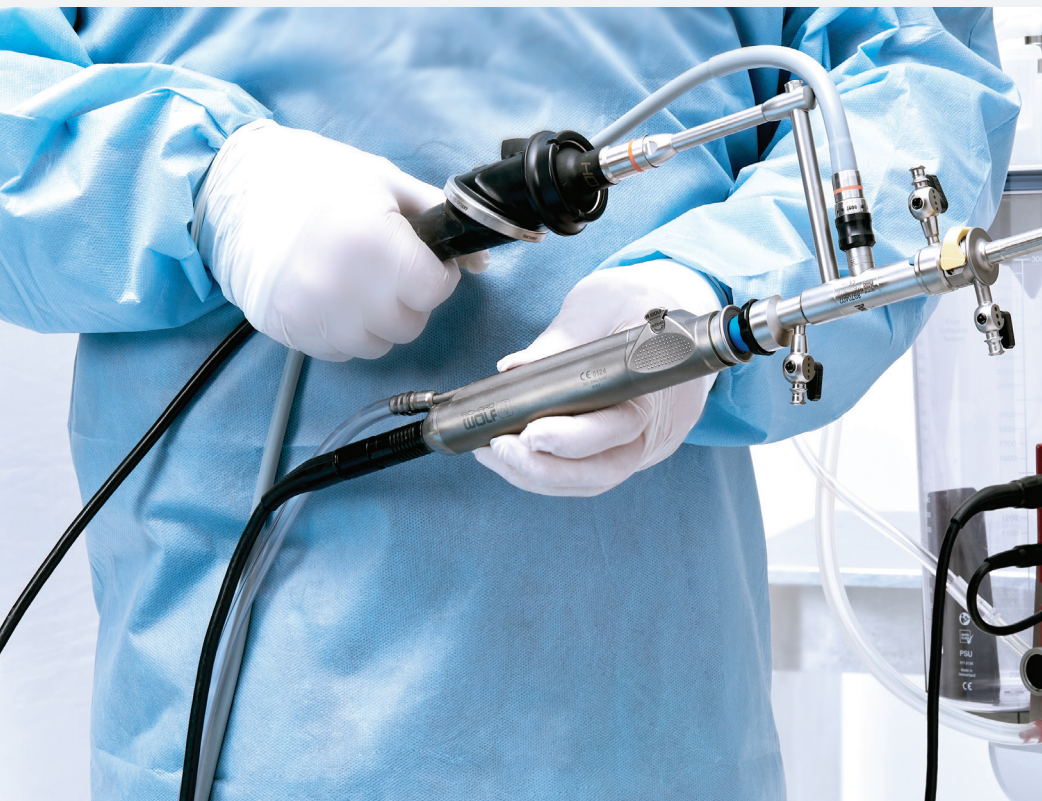
- Working element can be used with the same sheath as the PIRANHA Morcescope, which eliminates the need to change sheaths during a case
- Compatible with rotatable 24.5 Fr. continuous irrigation sheath
- If necessary, the laser working element can be exchanged for a resectoscope working element (monopolar or bipolar) in order to carry out resection or coagulation



FROM LEFT TO RIGHT:  
8654986, 8654985, 8654982, 8654981

## PIRANHA Morcescope

- Creates outstanding visualization conditions by means of integrated irrigation channels
- Can be used without changing sheath — “enucleation and morcellation with one sheath”
- Rotatable adapter allows it to fit in the outer sheath of a continuous irrigation sheath
- Large 5 mm working channel can accommodate a morcellator without sacrificing irrigation
- Telescope can be used with 24.5 Fr. or 26 Fr. rotatable continuous irrigation sheaths
- Large automatic valve prevents water leakage from the working channel



49700113 ROTATION MORCELLATOR





# Piranha Blade Vmax

High speed blades for the PIRANHA system

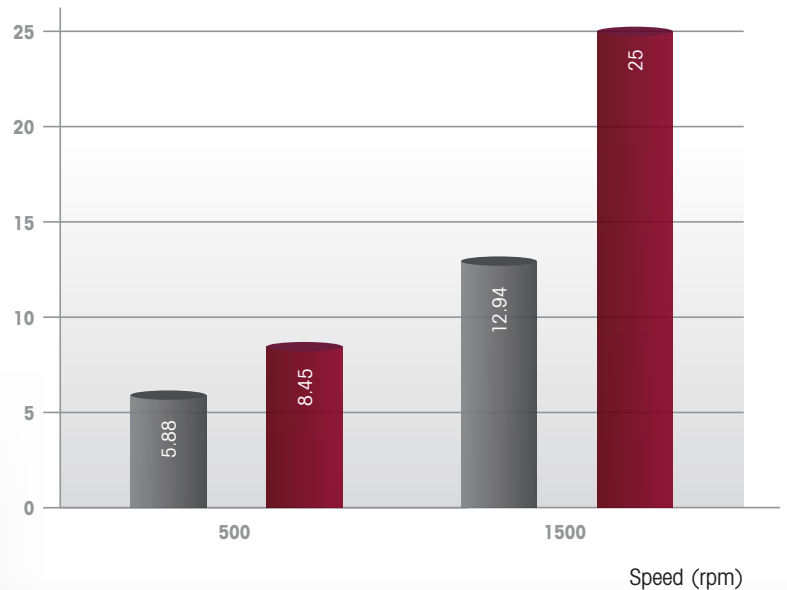
## Proven Performance

“High speed” leads to shorter operating times: An independent, ex vivo investigation shows that the **PIRANHA Blade Vmax** achieves an 82% higher ablation rate on average than standard reusable blades.\*

- Standard Reusable Blade
- New PIRANHA Blade Vmax

\* Independent investigation by the Hospital for Urology, University Medical School Mannheim on the subject of “Ex-vivo – Vergleich von zwei elektronischen Prostata Morcellatoren”, 2012 (Ex-vivo – Comparison of two electronic prostate morcellators).

Cutting performance (g/min)



## PIRANHA Blade Vmax

- Combines safety, efficiency, and control
- High-speed morcellation with aggressive cutting teeth

## Uncompromising Sharpness

- Guaranteed sharp because it is a single use product
- Easy handling—can be used anywhere

## Improved Suction

- Larger suction and cutting window facilitates faster morcellation

## Aggressive Cutting Geometry

- Number and configuration of cutting teeth is optimized for high speed ablation

## Superior Cutting Power

- Modified cutting geometry; generates more power
- Yields larger tissue chips for pathology



# Ordering data

## System components

Morcellator System	
<b>PIRANHA Morcellation &amp; Suction Set Bundle</b> (Suction pump, Morcellator handpiece, Motor Control Unit, and Morcescope) .....	<b>23032055</b>
<b>PIRANHA Suction Pump Bundle</b> Suction pump with (643211637) connecting cable (2208011), power cord (N710171), foot pedal (2030108), vacuum tube (8170.6554), bottle bracket (64031.381), bacteria filter (2228901), sound absorber (pack of 3/35100115), secretion container 2000 ml (8170.655) .....	<b>22080115</b>
<b>Morcellator Motor Handpiece</b> .....	8564122
<b>Motor Unit Bundle</b> .....	23030111
Laser Enucleation Components	
<b>PIRANHA Morcescope</b> Direction of view 12°, with parallel visualization, inside diameter 5 mm for auxiliary instruments up to 4.8 mm diameter, PANOVIEW rod lens systems, automatic valve at the working channel, continuous irrigation option via the continuous irrigation outer sheaths 26 Fr. (8655.374) and 24.5 Fr. (8655.334), in conjunction with the rotation morcellator (49700113) .....	<b>89704026</b>
<b>30°, 4 mm Telescope</b> .....	8654422
<b>12°, 4 mm Telescope</b> .....	8654431
<b>26 Fr. Outer sheath</b> .....	8655374
<b>24 Fr. Inner sheath, (rotatable, ceramic tip)</b> .....	8655384
<b>24 Fr. Viewing obturator resectoscope</b> .....	841512
<b>24 Fr. Timberlake obturator resectoscope</b> .....	865467
<b>Laser working insert (instruments up to 7.5 Fr.)</b> .....	8654911
<b>Laser working element</b> .....	8654282
<b>24.5 Fr. Outer sheath (corrugated shaft)</b> .....	8655334
<b>24.5 Fr. Outer sheath, laser therapy</b> .....	8655314
<b>22 Fr. Inner sheath (rotatable, ceramic tip)</b> .....	8655344
<b>22 Fr. Inner sheath, laser therapy (non-rotatable, stainless steel tip)</b> .....	8655324
<b>22 Fr. Obturator resectoscope</b> .....	865415
<b>1000 µm guide sheath laser therapy (straight tip)</b> .....	8654981
<b>600 µm guide sheath laser therapy (curved tip)</b> .....	8654982
<b>600 µm guide sheath laser therapy (slanted tip)</b> .....	8654985
<b>600 µm guide sheath laser therapy (ring tip)</b> .....	8654986
Disposables	
<b>Rotation morcellator, WL 335 mm, disposable Ø 4.75 mm, (pack of 3)</b> .....	49700113
<b>Rotation morcellator, WL 385 mm (for Storz telescope), disposable Ø 4.75 mm, (pack of 3)</b> .....	49700103
<b>Overflow protection/bacteria filter (pack of 10)</b> .....	2228901
<b>Disposable tissue collecting container (pack of 10)</b> .....	2208120
<b>Disposable suction tubing (pack of 10)</b> .....	41702208
<b>Blue o-rings (pack of 1)</b> .....	15364368
<b>Yellow o-rings (pack of 10)</b> .....	9500118
<b>Sound absorber (pack of 3)</b> .....	35100115
Accessories	
<b>3L Suction Canister Bundle</b> .....	81709835
<b>2.5 mm Light Cable Bundle</b> .....	806625301
<b>3.5 mm Light Cable Bundle</b> .....	806635301
<b>Universal sterilization tray</b> .....	8585071
<b>Condor Multi-Use Equipment Cart</b> .....	2208030

