MiniSpot & MicroSpot X2

Micromanipulators

Maximum Laser precision with microscopes and colposcopes
The ideal accessory for maximum Laser precision

Micromanipulator MiniSpot

For a basic range of microscopic and colposcopic treatments.

Main Advantages
- Seamless adjustment of focal length between 200 - 400 mm
- Hand support freely adjustable between 0 - 360°
- Prepared for use with Scanner SurgiScan for a rapid, superficial and seamless tissue ablation (e.g. for dysplasia treatments)

Typical Applications
- Gynaecology (e.g. condylomata, dysplasia)
- General Surgery
- Proctology (e.g. haemorrhoids)

Micromanipulator MicroSpot X2

Designed for maximum beam precision and performance.

Main Advantages
- Seamless adjustment of focal length between 200 - 600 mm with instant coagulation control by a defocussing lever
- Ultra-small minimum spot size of down to 100 µm for strongly reduced risk of collateral damages at tissue
- Perfect alignment of pilot and working beam at all times, with better sight at tissue by a large redirecting mirror
- Can be used with all surgical microscopes, optimized for both right and left handed surgeons
- Compatible with Scanner SurgiScan X2 for extremely thin, athermic tissue cutting and ablation by defined patterns

Typical Applications
- ENT (e.g. stapes treatments, vocal folds surgery, laryngeal surgery, etc.)
- Neurosurgery (spinal tumors, etc.)
- Eye surgery

Explicitly recommended for all treatments which require maximum surgical precision at smallest spot sizes and minimal collateral damages to surrounding tissue.

Working distance | Focussed spot size | Lever-defocussed spot size
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200 mm | 0.100 mm | 2.5 mm
300 mm | 0.125 mm | 3.5 mm
400 mm | 0.150 mm | 4.6 mm
500 mm | 0.159 mm | 5.1 mm
600 mm | 0.170 mm | 5.6 mm

Scanner patterns of micromanipulator MicroSpot X2 in combination with optional Scanner SurgiScan X2, e.g. for stapes & larynx surgery.