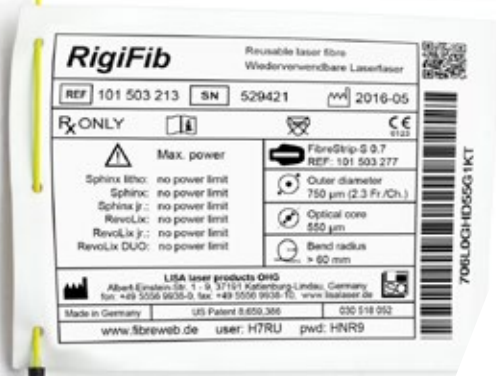


Fibres

SURGICAL LASER FIBRES



GlideTip™
Spherical fibre tip
protects the working
channel of the
deflected flexible URS
during fibre insertion.

COMPETENCE IN SURGICAL LASER SINCE 1989
LASER TECHNOLOGY - MADE IN GERMANY
WWW.LISALASER.DE



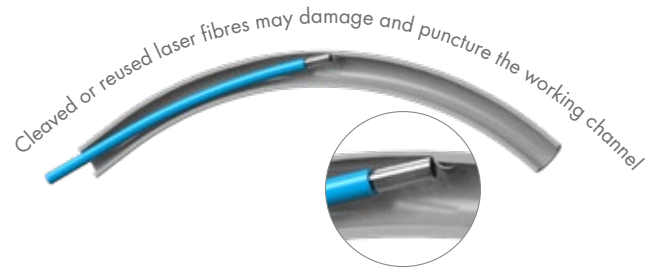
FIBRES DISPOSABLE

LISA laser products provides a wide range of SMA905 compatible laser fibres.

All fibres are manufactured of high quality silica/silica fibre material for optimized delivery of laser radiation to the surgical site. The fibre products are designed for use with compatible instruments like rigid and flexible endoscopes and surgical laser applicators. Particular prudence is exercised for ensuring beam confinement in fibres for use with flexible instruments.

Most fibres are available both reusable and disposable.

GlideTip™ LithoFib-SU, SureFib-SU and FlexiFib-SU have a spherical fibre tip to protect the working channel of the deflected flexible URS during fibre insertion.



Disposable laser fibres

| | LithoFib-SU GlideTip™ bare fibre | SureFib-SU GlideTip™ bare fibre | FlexiFib-SU GlideTip™ bare fibre | PercuFib-SU bare fibre | RigiFib-SU bare fibre | RigiFib-SU 800 bare fibre | RigiFib-SU 1000 bare fibre | SideFib-SU side fibre deflection 70° | ColFib-SU gas cooled |
|-----------------------|---|--|---|----------------------------------|---------------------------------|-------------------------------------|--------------------------------------|--|--------------------------------|
| Order no. of fibre | 101 503 576 | 101 503 513 101 503 569 | 101 503 387 | 101 503 384 | 101 503 289 | 101 503 385 | 101 503 386 | 101 503 138 | 101 503 392 |
| Optical Core / micron | 200 | 272 | 272 | 365 | 550 | 800 | 940 | 550 | 545 |
| Outer diameter/mm/Fr | 0.50/1.5 | 0.42/1.3 | 0.42/1.3 | 0.73/2.2 | 0.75/2.3 | 1.2/3.6 | 1.4/4.2 | 2.0/6.0 | 1.8/5.4 |
| Length / m | 2.5 | 2.5 5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |

Laser compatibility

| | | | | | | | | | |
|--------------|-----|---|---|---|---|---|---|---|---|
| Sphinx litho | ● | ● | ● | ● | ● | ● | ● | ● | |
| Sphinx | | | ● | ● | ● | ● | ● | ● | |
| Sphinx jr. | ●** | ● | ● | ● | ● | ● | ● | ● | |
| RevoLix | | ● | ● | ● | ● | ● | ● | ● | ● |
| RevoLix jr. | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| RevoLix DUO | | | ● | ● | ● | ● | ● | ● | ● |

Applications

| | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|--|
| Urology | | | | | | | | | |
| Soft tissue, rigid scope | | ● | ● | ● | ● | ● | ● | ● | |
| Soft tissue, flexible scope | ● | ● | ● | ○ | | | | | |
| Prostate | | | | | ● | ● | ● | ● | |
| Lithiasis, rigid scope | | ○ | ○ | ● | ○ | ○ | | | |
| Lithiasis, flexible scope | ● | ● | ● | ○ | | | | | |

| | | | | | | | | | |
|------------------|--|---|---|---|---|---|---|--|---|
| Spine Surgery | | ● | ● | ● | ● | | | | |
| Neurosurgery* | | ● | ● | ● | ● | | | | |
| ENT | | ● | ● | ● | | | | | ● |
| Bronchoscopy | | ● | ● | ● | ● | | | | ● |
| Gastroenterology | | ● | ● | ● | ● | | | | ● |
| Gynaecology | | ● | ● | ● | ● | | | | ● |
| General surgery | | ● | ● | ● | ● | ● | ● | | ● |

- clinical applications are recommendations only
- restricted technical compatibility with endoscopes
- * In the USA the products are not intended for use in clinical applications in neurosurgery.
- ** Compatibility with your Sphinx jr. laser device is shown on its display.

FIBRES REUSABLE

LISA laser products reusable laser fibres are autoclavable. The fibre connector is protected during cleaning and sterilization by a sturdy screw on cap. Comprehensive information on the fibre product is given on the attached fibre label - including barcode identification.

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Reusable laser fibres

| | LithoFib | SureFib | FlexiFib | PercuFib | RigiFib | RigiFib 800 | RigiFib 1000 |
|---------------------------|-----------------|----------------------------|----------------------------|-----------------|----------------|--------------------|---------------------|
| | bare fibre | bare fibre | bare fibre | bare fibre | bare fibre | bare fibre | bare fibre |
| Order no. of fibre | 101 503 188 | 101 503 364 101 503 580 | 101 503 189 101 503 118 | 101 503 128 | 101 503 213 | 101 503 287 | 101 503 284 |
| Optical Core / micron | 200 | 272 | 272 | 365 | 550 | 800 | 940 |
| Outer diameter/mm/Fr | 0.50/1.5 | 0.42/1.3 | 0.42/1.3 | 0.73/2.2 | 0.75/2.3 | 1.2/3.6 | 1.4/4.2 |
| Length / m | 3 | 3 5 | 3 5 | 3 | 3 | 3 | 3 |
| FibreStrip-S Ø /mm | 0.2 | 0.3 | 0.3 | 0.5 | 0.7 | 1.0 | 1.1 |
| Order no. of stripper | 101 503 273 | 101 503 274 | 101 503 274 | 101 503 275 | 101 503 277 | 101 503 280 | 101 503 382 |

Laser compatibility

| | | | | | | | |
|--------------|-----|---|---|---|---|---|---|
| Sphinx litho | ● | ● | ● | ● | ● | ● | ● |
| Sphinx | | ● | ● | ● | ● | ● | ● |
| Sphinx jr. | ●** | ● | ● | ● | ● | ● | ● |
| RevoLix | | ● | ● | ● | ● | ● | ● |
| RevoLix jr. | | ● | ● | ● | ● | ● | ● |
| RevoLix DUO | | | ● | ● | ● | ● | ● |

Applications

| | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|
| Urology | | | | | | | |
| Soft tissue, rigid scope | | ● | ● | ● | ● | ● | ● |
| Soft tissue, flexible scope | ● | ● | ● | ○ | | | |
| Prostate | | | | | ● | ● | ● |
| Lithiasis, rigid scope | | ○ | ○ | ● | | | |
| Lithiasis, flexible scope | ● | ● | ● | ○ | | | |
| Spine surgery | | ● | ● | ● | ● | | |
| Neurosurgery* | | ● | ● | ● | | | |
| ENT | | ● | ● | ● | | | |
| Bronchoscopy | | ● | ● | ● | ● | | |
| Gastroenterology | | ● | ● | ● | ● | | |
| Gynaecology | | ● | ● | ● | ● | | |
| General surgery | | ● | ● | ● | ● | ● | ● |

● clinical applications are recommendations only

○ restricted technical compatibility with endoscopes

* In the USA the products are not intended for use in clinical applications in neurosurgery.

** Compatibility with your Sphinx jr. laser device is shown on its display.

Autoclavable fibre tools

Fibre strippers and cleaving tools for reconditioning of LISA reusable laser fibres are autoclavable. Permanent imprints ensure the correct stripper to fibre correlation.



FibreStrip-S

fibre stripping tools in different diameters, reusable and autoclavable, see fibre chart for fibre compatibility and stripper order number



FibreCut-CS

Fibre cleaving scissors with tungsten carbide blades, for all „bare fibres“, autoclavable

101 503 581



FibreScope 200x

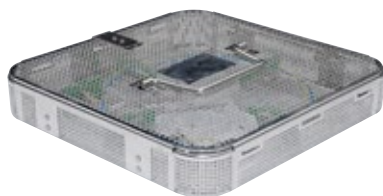
for fibre connector inspection, magnification 200 times, illumination (not shown)

101 503 417

FibreScope 50x

for fibre connector inspection, magnification 50 times, w/o illumination

101 503 415



SteriTray-F

outer dimensions

240 x 240 x 41 mm

101 503 591

reprocessing tray for all laser fibres with silicon holders



IMPORTANT NOTICE:

The information provided is a general overview of potential clinical applications of the described products. National health care regulations vary between countries and may exclude certain clinical applications at your location. The user assumes responsibility to be updated about national deviations from the applications listed above.

* In the USA the products are not intended for use in clinical applications in neurosurgery.

U.S. federal law restricts these devices to sale by or on the order of a physician

Specifications are subject to change without notice.

Made in Germany 2017 - 12

Brochure Order no. 036 007 050



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LISA LASER PRODUCTS
 COMPETENCE IN SURGICAL LASER

