Fibres

Superior laser fibres and fibre tools for successful procedures

Fibre

REF xxx xxx xxx   SN XXXXX   yyyy-mm

Rx ONLY

Max. power

Sphinx litho: xx W / xx J
Sphinx: xx W / xx J
Sphinx jr.: no power limit
RevoLix: xx W
RevoLix jr.: no power limit
RevoLix DUO: tissue xx W
stone xx W

FibreStrip-S xx
REF: xxx xxx xxx

Outer diameter
xxx µm (xxx Pr./Ch.)

Optical core
xxx µm

Bend radius
> xx mm

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Made in Germany

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

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 excercised for ensuring beam confinement in fibres for use with flexible instruments.

Most fibres are available both reusable and disposable. The disposable products are shown below at left.

Disposable laser fibres

● clinical applications are recommendations only
○ restricted technical compatibility with endoscopes

	FlexiFib-SU	SureFib-SU*	PercuFib-SU	RigiFib-SU	RigiFib-SU 800	RigiFib-SU 1000	SideFib-SU	ColFib-SU
	bare fibre	bare fibre	bare fibre	bare fibre	bare fibre	bare fibre	side fibre deflection 70°	gas cooled
Part Number of Fibre	101 503 387	101 503 513	101 503 384	101 503 289	101 503 385	101 503 386	101 503 138	101 503 392
Optical Core / micron	272	272	365	550	800	940	550	545
Outer Diameter/mm/F	0.42/1.3	0.42/1.3	0.73/2.2	0.76/2.3	1.2/3.6	1.4/4.2	1.9/5.8	1.8/5.4

Laser Compatibility

	FlexiFib-SU	SureFib-SU	PercuFib-SU	RigiFib-SU	RigiFib-SU 800	RigiFib-SU 1000	SideFib-SU	ColFib-SU
Sphinx litho	●	●	●	●	●	●	●	
Sphinx	●		●	●	●	●	●	
Sphinx jr.	●	●	●	●	●	●	●	
RevoLix	●	●	●	●	●	●	●	●
RevoLix jr.	●	●	●	●	●	●	●	●
RevoLix DUO	●		●	●	●	●	●	●

Applications

	FlexiFib-SU	SureFib-SU	PercuFib-SU	RigiFib-SU	RigiFib-SU 800	RigiFib-SU 1000	SideFib-SU	ColFib-SU
Urology								
Soft tissue, rigid scope	●	●	●	●	●	●	●	
Soft tissue, flexible scope	●	●	○					
Prostate				●	●	●	●	
Lithiasis, rigid scope	○	○	●	○	○			
Lithiasis, flexible scope	●	●	○					

	FlexiFib-SU	SureFib-SU	PercuFib-SU	RigiFib-SU	RigiFib-SU 800	RigiFib-SU 1000	SideFib-SU	ColFib-SU
Spine Surgery	●	●	●	●				
Neurosurgery**	●	●	●	●				
ENT	●	●	●					●
Bronchoscopy	●	●	●	●				●
Gastroenterology	●	●	●	●				●
Gynaecology	●	●	●	●				●
General surgery	●	●	●	●	●	●		●

* Available in 2016

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

FIBRES REUSABLE

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

Ⓟ DE 10 2007 016 942

Reusable laser fibres for cost reduction and preservation of resources

	LithoFib	FlexiFib	SureFib*	PercuFib	RigiFib	RigiFib 800	RigiFib 1000
	bare fibre	bare fibre	bare fibre	bare fibre	bare fibre	bare fibre	bare fibre
Part Number of Fibre	101 503 188	101 503 189/ 101 503 118	101 503 364	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/F	0.5/1.5	0.42/1.3	0.42/1.3	0.73/2.2	0.76/2.3	1.2/3.6	1.4/4.2
Length / m	3	3/5	3	3	3	3	3
FibreStrip-S Ø /mm	0.2	0.3	0.3	0.5	0.7	1.0	1.1
Part Number of Stripper	101 503 273	101 503 274	101 503 274	101 503 275	101 503 277	101 503 280	101 503 382
SteriBox	M	M	M	M	M	XL	XL

Laser Compatibility

	LithoFib	FlexiFib	SureFib*	PercuFib	RigiFib	RigiFib 800	RigiFib 1000
Sphinx litho	●	●	●	●	●	●	●
Sphinx		●		●	●	●	●
Sphinx jr.	●***	●	●	●	●	●	●
RevoLix		●		●	●	●	●
RevoLix jr.		●	●	●	●	●	●
RevoLix DUO		●		●	●	●	●

Applications

	LithoFib	FlexiFib	SureFib*	PercuFib	RigiFib	RigiFib 800	RigiFib 1000
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		●	●	●	●	●	●

*** Compatibility with your Sphinx jr. laser device would be 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 autoclaveable, see fibre chart for fibre compatibility and stripper part number

FibreCut   101   503   110

fibre cleaving scissors for all bare fibres,
not to be sterilized in autoclave

FibreScope 200x   101   503   417

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

FibreScope 50x   101   503   415

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

SteriBox

sterilisation and storage tray in different sizes for fibres and reconditioning tools, see fibre chart for compatibility
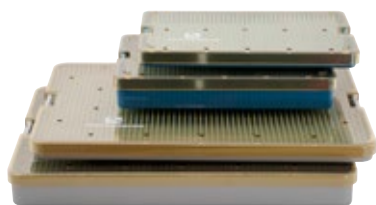
	outer dimensions	
SteriBox-S	163 x 265 x 27 mm	101 503 269
SteriBox-M	163 x 265 x 47 mm	101 503 146
SteriBox-L	267 x 390 x 27 mm	101 503 147
SteriBox-XL	267 x 390 x 47 mm	101 503 148
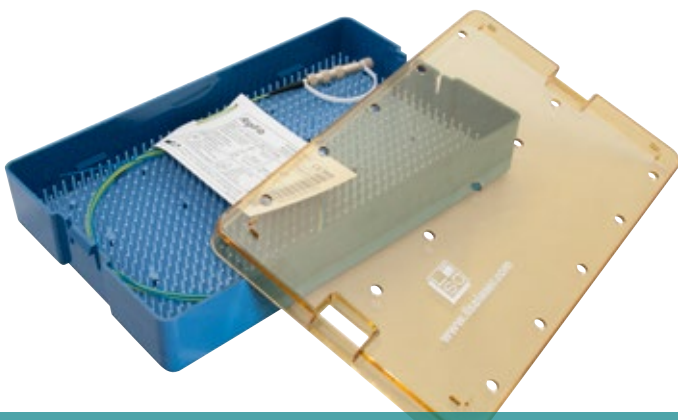
IMPORTANT NOTICE:

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 2015 - 10

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LISA LASER PRODUCTS
COMPETENCE IN SURGICAL LASER

TÜV SÜD
EN ISO 13485