

EC CERTIFICATE

for the Quality Assurance System



according the Directive 93/42/EEC, Annex II excluding section (4)

As a Notified Body of the European Union, DEKRA Certification GmbH certifies, that the company
Richard Wolf GmbH

Pforzheimer Straße 32, 75438 Knittlingen, Germany


Certified location:

Pforzheimer Straße 32, 75438 Knittlingen, Germany

applies a quality assurance system according to the Directive 93/42/EEC Annex II for the medical devices listed in the annex. The approval is based on the result of the re-certification audit report no. 50593-Z7-00, the decision dated 2020-04-01 and is only valid in connection with the successful performance of the annual surveillance audits.

This certificate is valid from 2020-04-01 to 2024-05-26

Registration No.: 50593-16-05



Ruth Delbeck-Bayer
DEKRA Certification GmbH Stuttgart; 2020-04-01
Notified Body ID-number: 0124

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra-certification.de



Benannt durch/Designated by
Zentralstelle der Länder
für Gesundheitsschutz
bei Arzneimitteln und
Medizinprodukten
www.zlg.de
ZLG-BS-295.10.02

Annex to the EC Certificate No. 50593-16-05

Valid from 2020-04-01 to 2024-05-26

Revision status of the annex: 0 dated 2020-04-01

Devices/device categories included in the certificate:

Class I s:

For the products listed below, review of the Quality Assurance System refers exclusively to aspects of manufacture concerned with securing and maintaining sterile conditions.

- Endoscopic suction valve, single-use, sterile
- Suction system filter, plume particulate
- Suction/irrigation tubing, single use

Class II a:

- Basic endotracheal tube, reusable
- Basic roller pump
- Bone cutting forceps
- Bone graft funnel
- Bronchoscopy tube
- Cannulated surgical drill bit, reusable
- Endoscope assembly adaptor
- Endoscope sheath, reusable
- Endoscopic electrosurgical handpiece/electrode, bipolar, reusable
- Endoscopic electrosurgical handpiece/electrode, monopolar, reusable
- Endoscopic insufflation tubing set, single-use
- Endoscopic insufflation tubing set, sterile, reusable
- Flexible fibreoptic cystourethroscope
- Flexible fibreoptic hysteroscope
- Flexible fibreoptic nasopharyngoscope
- Flexible fibreoptic ureterorenoscope
- Flexible video bronchoscope, reusable
- Flexible video cystoscope, reusable
- Flexible video ureterorenoscope, reusable
- Fluted surgical drill bit, reusable
- General-purpose endoscopic needle, reusable
- General-purpose endoscopic needle, single-use
- Haemorrhoid ligator
- High-pressure medical gas tubing
- Laparoscopic access cannula, reusable
- Laparoscopic multi-instrument access port, reusable
- Laparoscopic multi-instrument access port, single-use
- Laser fibre
- Line-powered surgical power tool system motor
- Medical air low pressure tubing
- Microbial medical gas filter, sterile, single-use
- Operating room audiovisual data/device management system application software
- Orthopaedic bur, reusable
- Orthopaedic bur, single-use
- Resectoscope
- Rigid bronchoscope
- Rigid cystourethroscope
- Rigid endoscope telescope
- Rigid endoscopic grasping forceps, reusable
- Rigid optical hysteroscope
- Rigid intubation laryngoscope, reusable

Annex to the EC Certificate No. 50593-16-05

Valid from 2020-04-01 to 2024-05-26

Revision status of the annex: 0 dated 2020-04-01

Devices/device categories included in the certificate:

- Rigid mediastinoscope
- Rigid nephroscope
- Rigid optical laparoscope
- Rigid ureterorenoscope
- Spinal needle, single-use
- Spring-loaded pneumoperitoneum needle, reusable
- Surgical drill guide, reusable
- Surgical fluid/smoke waste management system suction unit
- Surgical guillotine
- Surgical irrigation tubing set, reusable
- Surgical irrigation tubing set, single-use
- Surgical irrigation/aspiration handpiece, reusable
- Surgical irrigation/aspiration tubing set
- Surgical power tool system control unit, line-powered
- Tissue extraction bag
- Tissue morcellation system
- Tissue morcellation system handpiece, line-powered
- Uterine manipulator cervical cup/transilluminator
- Uterine manipulator, reusable
- Uterine probe

Class II b:

- Electrosurgical system generator
- Endoscopic electrosurgical electrode, bipolar, reusable
- Endoscopic electrosurgical electrode, bipolar, single-use, sterile
- Endoscopic electrosurgical handpiece/electrode, monopolar, reusable
- Endoscopic electrosurgical electrode, monopolar, single-use
- Endoscopic electrosurgical handpiece/electrode, bipolar, reusable
- Endoscopic electrosurgical handpiece/electrode, monopolar, reusable
- Endoscopic electrosurgical handpiece/electrode, monopolar, single-use
- General/multiple surgical diode Laser system
- Hysteroscopic irrigation/insufflation system
- Laparoscopic insufflator
- Laser lithotripsy system
- Operating room audiovisual data/device management system application software
- Piezoelectric lithotripsy system
- Soft-tissue/mesh anchor, non-bioabsorbable
- Ultrasonic lithotripsy system
- Electromechanical orthopaedic extracorporeal shock wave therapy system



Ruth Delbeck-Bayer
DEKRA Certification GmbH, Stuttgart, 2020-04-01
Notified Body ID-number: 0124

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra-certification.de

CERTIFICATE



EN ISO 13485:2016

DEKRA Certification GmbH hereby certifies that the organization

Richard Wolf GmbH

Scope of certification:

Design and development, production, distribution, installation and service of systems, active medical devices (sterile, non-sterile), non-active medical devices (sterile, non-sterile) for human medicine, in particular for endoscopy and extracorporeal shockwave application.

Design and development, production, and distribution of non-active implants in urology and surgery as well as accessories for processing (cleaning, disinfection, sterilization).

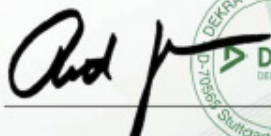
Certified location:

Pforzheimer Straße 32, 75438 Knittlingen, Germany

(further locations see annex)

has established and maintains a quality management system according to the above mentioned standard. The conformity was adduced with audit report no. 50593-Z7-00.

Certificate registration no.:	50593-14-01	Certificate valid from:	2020-04-01
Validity of previous certificate:	2020-03-31	Certificate valid to:	2023-03-31


Ruth Delbeck-Bayer
DEKRA Certification GmbH, Stuttgart, 2020-04-01



Annex to the Certificate No. 50593-14-01

Revision status: 0

valid from 2020-04-01 to 2023-03-31

The following locations / companies belong to the certificate above:

	Headquarter	Certified location	Scope of certification
	Richard Wolf GmbH	Pforzheimer Straße 32 75438 Knittlingen Deutschland	See page 1
	at the following locations / at the companies at the following locations		Scope of certification
1.	Richard Wolf GmbH	Reuchlinstraße 10-11 10553 Berlin Deutschland	Manufacture of flexible and rigid endoscopes



Ruth Dellbeck-Bayer
DEKRA Certification GmbH, Stuttgart, 2020-04-01

EC Certificate Full Quality Assurance System: Certificate US19/819943647.00

The management system of

Teleflex Medical

3015 Carrington Mill Blvd.,
Morrisville, NC, 27560, United States

has been assessed and certified as meeting the requirements of

Directive 93/42/EEC on medical devices, Annex II (excluding Section 4)

For the following products

The scope of registration appears on page 2 of this certificate.

This certificate is valid from 24 February 2020 until 14 July 2023
and remains valid subject to satisfactory surveillance audits.

Issue 2. Certified since 26 September 2000
and first certified by SGS Belgium NV since 01 February 2020.

Multiple certificates have been issued for this scope.
The main certificate is numbered US19/819943647.00

This is a multi-site certification.
Additional site details are listed on subsequent pages

Certification is based on reports numbered WW/MC 06866

Authorised by

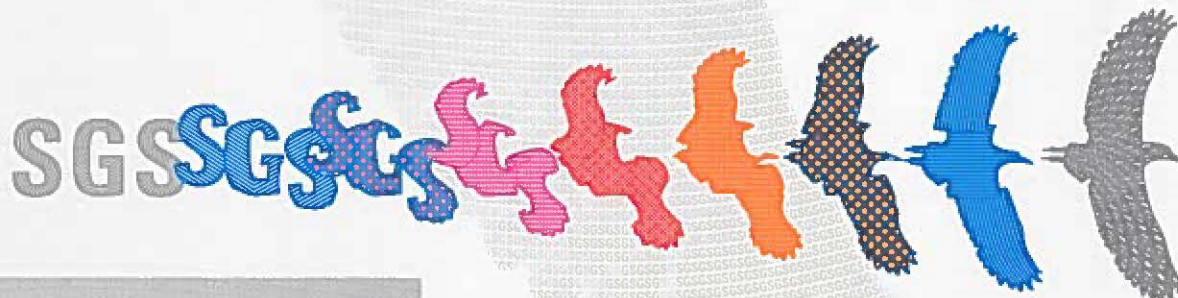


SGS Belgium NV, Notified Body 1639

SGS House Noorderlaan 87 2030 Antwerp Belgium
t +32 (0)3 545-48-48 f +32 (0)3 545-48-49 www.sgs.com

LPMD5007 - Certificate CE1639 Annex II-4_EN rev 02

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Teleflex Medical

Directive 93/42/EEC

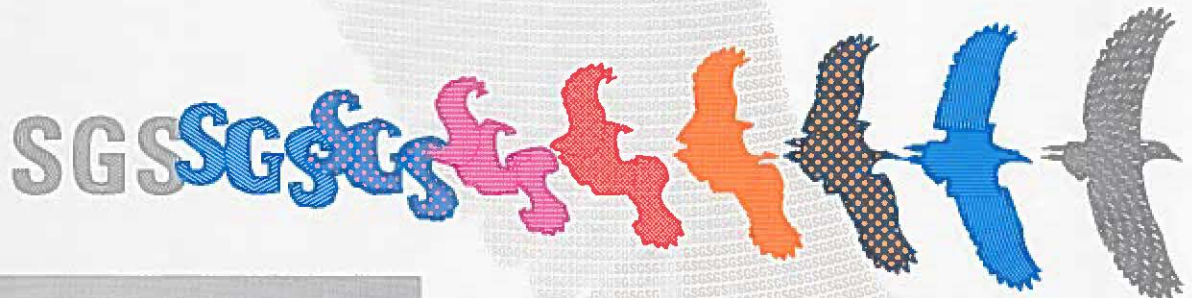
on medical devices, Annex II (excluding Section 4).

Issue 2

Detailed scope

- Sterile Hem-o-lok and Vesolock Ligation Clips,**
- Sterile and non-sterile Hemoclip Traditional, Hemoclip Plus, Horizon and Vesoclude**
- Metal Ligation Clips Sterile Deknatel® PTFE pledgets.**
- Sterile Polyester Nonabsorbable Surgical Sutures (POLYLENE/ "cottony"™ II,**
- "silky" II POLYDEK®, TEVDEK® II, NextStitch®, Capio™, NiceLoop™, TEVDEK®).**
- Sterile DEKLENE® II, DEKLENE® MAXXTM, CAPIOTM**
- and polypropylene non-absorbable surgical sutures.**
- Sterile BONDEK® and BONDEK® Plus Polyglycolic Acid Synthetic Absorbable Surgical**
- Sutures. Sterile Polyglytone 6211™ Monofilament Absorbable Surgical Sutures.**
- Sterile MONODEK® Polydioxanone Absorbable Surgical Sutures.**
- Sterile Hem-o-lok Automatic Clip Appliers.**
- Metal Ligation System.**

- Sterile and Non-sterile External stapling system (including stainless steel staples,**
- staplers and removers), Sterile, Efx endo fascial closure system (abdominal access),**
- Sterile, Efx shield fascial closure system (abdominal access),**
- Sterile, Efx classic fascial closure system (abdominal access)**
- Sterile stainless steel surgical Sutures**
- Sterile FORCE FIBER® surgical sutures.**
- Sterile Chest drainage and autotransfusion systems, Sterile Thoracic Catheters,**
- Sterile and Non-sterile Aortic Punch,**
- Non-sterile Self Retaining Tissue retractor/blades**



Teleflex Medical

Directive 93/42/EEC

on medical devices, Annex II (excluding Section 4).

Issue 2

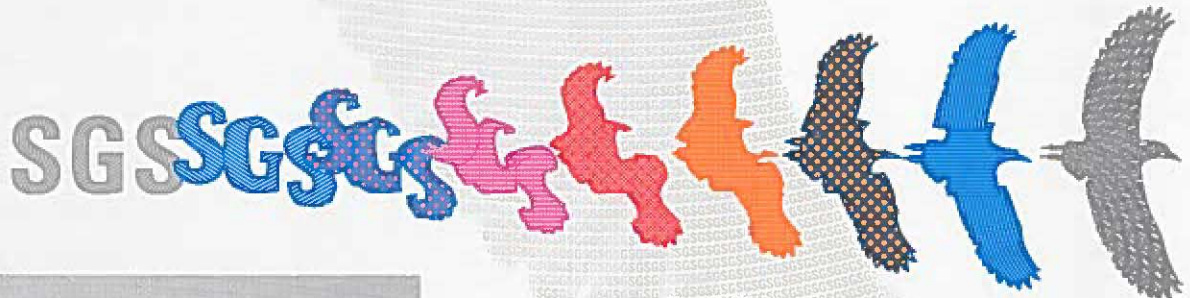
Detailed scope

Non-sterile Anaesthesia and respiratory Circuits including breathing bags and water traps, Non-sterile Heated Humidifiers, Non-sterile Non-Prefilled Humidifiers and Nebulizers, Non-sterile Small Volume Nebulizers, Sterile Prefilled Humidifiers and Nebulizers (saline or water) with adaptors, Sterile Prefilled unit dose vial /solution for nebulisation, Non-sterile Respiratory therapy Adaptors and connectors, Sterile Column and Reservoirs including adaptors, Non-sterile Nasal cannula (including gas sampling), Non-sterile Cannula and Supply Tubing, Nonsterile CPAP Cannula System, Non-sterile Manual resuscitators and PEEP valves, Non-sterile Respiratory and anaesthesia masks, Non-sterile Gas scavenging mask, Sterile Endotracheal tubes, Sterile Endobronchial tubes, Non-sterile Suction and Aspirating Tubes, Sterile Vented Thoracic Chest Seal, Sterile Operative Cholangiogram Catheters, Sterile Abdominal Access and Insufflation devices, Sterile Capillary drains, Sterile Percutaneous Surgical System (MiniLap and Grip graspers), Sterile Percutaneous Surgical System (Mini Polar electrosurgical probe and MiniGrip Bipolar Graspers), Non-sterile Heat and Moisture Exchangers

Where the above scope includes class III medical device(s), a valid EC Design Examination Certificate according to Annex II (Section 4) is a mandatory requirement for each device in addition to this certificate to place that device on the market.

Additional facilities

375 Forbes Blvd, Mansfield, MA, 02048-1805, United States



EC Certificate Production Quality Assurance System: Certificate US19/819943646.00

The management system of

Teleflex Medical

3015 Carrington Mill Blvd., Morrisville, NC, 27560, United States

has been assessed and certified as meeting the requirements of

Directive 93/42/EEC

on medical devices, Annex V

Restricted to the aspects of manufacture concerned with securing and maintaining sterile conditions

For the following products

The scope of registration appears on page 2 of this certificate.

This certificate is valid from 01 February 2020 until 14 July 2023 and remains valid subject to satisfactory surveillance audits.
Issue 1. Certified since 26 September 2000 and first certified by SGS Belgium NV since 01 February 2020

Certification is based on reports numbered WW/MC/06866

Multiple certificates have been issued for this scope
The main certificate is numbered US19/819943646.00

This is a multi-site certification.
Additional site details are listed on the subsequent page.

Authorised by

Pieter Weterings
Certification Manager

SGS Belgium NV, Notified Body 1639

SGS House Noorderlaan 87 2030 Antwerp Belgium
t +32 (0)3 545-48-48 f +32 (0)3 545-48-49 www.sgs.com

LPMD5008 - Certificate CE1639 AnnexV_EN rev. 01

Page 1 of 2



Teleflex Medical

Directive 93/42/EEC

on medical devices, Annex V
Restricted to the aspects of manufacture concerned with securing and
maintaining sterile conditions

Issue 1

Detailed scope

**Sterile Suture Guides, Sterile Belly Bags (Urine Collection Device),
Sterile stapler removers.**

Where the above scope includes class IIb or class III medical device(s), a valid EC Type Examination Certificate according to Annex III is a mandatory requirement for each device in addition to this certificate to place that device on the market

Additional facilities

375 Forbes Blvd, Mansfield, MA, 02048-1805, United States



Certificate US97/10878.00

The management system of

Teleflex Medical

3015 Carrington Mill Blvd., Morrisville, NC, 27560, United States

has been assessed and certified as meeting the requirements of

ISO 13485:2016 EN ISO 13485:2016

For the following activities

The scope of registration appears on page 2 of this certificate.

This certificate is valid from 15 July 2021 until 14 July 2024
and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date.
Issue 22. Certified since 26 September 2000

Multiple certificates have been issued for this scope
The main certificate is numbered US97/10878.00
This is a multi-site certification.
Additional site details are listed on the subsequent page.

Authorised by

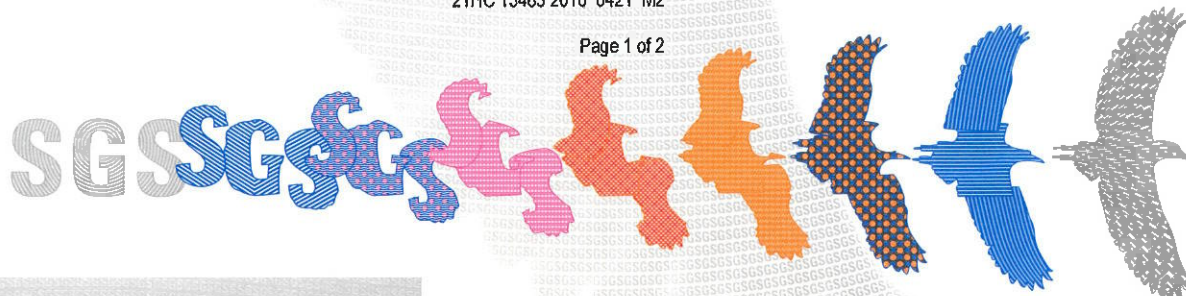


0005

SGS United Kingdom Ltd
Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK
t +44 (0)151 350-6666 f +44 (0)151 350-6600 www.sgs.com

21HC 13485 2016 0421 M2

Page 1 of 2



Teleflex Medical

ISO 13485:2016

EN ISO 13485:2016



Issue 22

Detailed scope

Design, development, manufacture and distribution of reusable medical and surgical instruments for general and specialty use; sterile and non-sterile disposable surgical, urology, anaesthesia and respiratory medical devices, sterile disposable electrosurgical medical devices. Design of Non-Sterile Nasal and Oral Mucosal Devices.

Design and development of sterile single use absorbable and non-absorbable sutures, pledgets and suture guides and manufacturing of non-sterile absorbable and non-absorbable suture material..

Manufacturing of sterile single use absorbable and non-absorbable sutures.

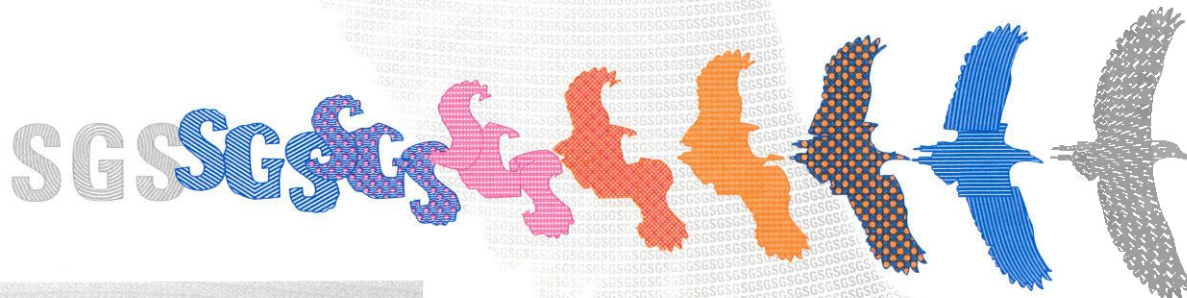
Distribution of sterile single use absorbable and non-absorbable sutures and non-sterile suture material. Distribution of medical devices for endoscopy; fiber optic illuminators; sterile single use instruments for cardiovascular and general surgical procedures.

Additional facilities

375 Forbes Blvd, Mansfield, MA, 02048-1805, United States



0005



Trocar Sleeves 10 mm
with insufflation tap

Trocarhülsen 10 mm
mit Insufflationshahn

3

RIWO-ART-Trocarhülsen mit Magnet-Kugel-Ventil				Trocar, Spitze kegelig-stumpf	Trocar, Spitze kegelig-spitz	Trocar, Spitze dreikantig
<i>RIWO-ART trocar sleeves with magnetic-ball-valve</i>		Durchlass / Capacity	Typen / Types	<i>Trocar, blunt conical tip</i>	<i>Trocar, conical tip</i>	<i>Trocar, pyramidal tip</i>
	NL / WL 100 mm	10 mm	8923.014	8923.103	8923.113	8923.123
<i>Metal sleeve, standard, straight distal tip</i>	NL / WL 150 mm	10 mm	8923.016	-	8923.115	8923.125
	NL / WL 100 mm	10 mm	8923.013	8923.103	8923.113	8923.123
<i>Metal sleeve, standard, oblique distal tip</i>	NL / WL 100 mm	10 mm	8923.024	8923.103	8923.113	8923.123
	NL / WL 150 mm	10 mm	8923.026	-	8923.115	8923.125
<i>Metal with retaining thread, straight distal tip</i>	NL / WL 100 mm	10 mm	8923.023	8923.103	8923.113	8923.123
	NL / WL 100 mm	10 mm	8923.023	8923.103	8923.113	8923.123
<i>Metal sleeve with retaining thread, oblique distal tip</i>						

Spare ball, 1 piece, capacity Ø 7 mm - 12.5 mm 8923.901
 Spare o-rings, PACK=10, capacity Ø 7 mm - 12.5 mm 8923.951
 Spare sealing caps, PACK=10 PCS, capacity 10 mm, red 89.08
 Spare plug, PACK=5 PCS 896.0002

Ersatzkugel, 1 Stück, Durchlass Ø 7 mm - 12,5 mm 8923.901
 Ersatz-O-Ringe, VE=10 ST, Durchlass Ø 7 mm - 12,5 mm ... 8923.951
 Ersatz-Dichtungskappen, VE=10 ST, Durchlass 10 mm, rot 89.08
 Ersatz-Hahnküken, VE=5 ST 896.0002

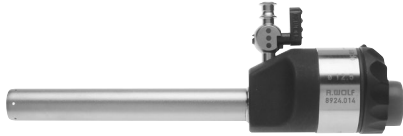



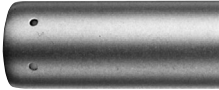

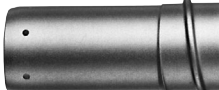
TROTEC protective trocars

TROTEC Schutztrokare

TROTEC-Trocar bestehend aus: <i>TROTEC trocar consisting of:</i>				Für RIWO ART-Trocarhülse mit: For RIWO ART trocar sleeves:	
			TROTEC-Trocar komplett <i>TROTEC trocar complete</i>		
Schaft mit Kanülen-spitze, kegelig / <i>Sheath with conical cannula tip</i>	Schaft mit Lanzettenspitze, zweikantig / <i>Sheath with two-edged lancet tip</i>	Griff mit federndem Schutzstab / <i>Handle with spring-mounted protective rod</i>		NL WL	Ø
8923.132		8923.135	8923.131	100 mm	10 mm
	8923.134	8923.135	8923.133	100 mm	10 mm

Trocar Sleeves 12.5 mm
with insufflation tap

Trocarhülsen 12,5 mm
mit Insufflationshahn


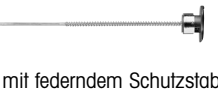

RIWO-ART-Trocarhülsen mit Magnet-Kugel-Ventil				Trocar, Spitze kegelig-stumpf	Trocar, Spitze kegelig-spitz	Trocar, Spitze dreikantig
						
RIWO-ART trocar sleeves with magnetic-ball-valve		Durchlass / Capacity	Typen / Types	Trocar, blunt conical tip	Trocar, conical tip	Trocar, pyramidal tip
Metallrohr, glatt, distal gerade 	NL / WL 100 mm	12.5 mm	8924.014	8924.103	8924.113	8924.123
Metal sleeve, standard, straight distal tip	NL / WL 150 mm	12.5 mm	8924.016	-	8924.115	8924.125
Metallrohr, glatt, distal abgeschrägt 	NL / WL 100 mm	12.5 mm	8924.013	8924.103	8924.113	8924.123
Metal sleeve, standard, oblique distal tip						
Metallrohr mit Gewinde, distal gerade 	NL / WL 150 mm	12.5 mm	8924.026	-	8924.115	8924.125
Metal with retaining thread, straight distal tip						

3

VARIO-PORT reducing adapter, PACK=5 PCS
for reduction from
Ø 10 mm to Ø 5.5 mm and
Ø 12.5 mm to Ø 5.5 mm 8923.802
Ø 12.5 mm to Ø 10 mm 8924.802








VARIO-PORT-Reduzieradapter, VE=5 ST
zur Reduktion von
Ø 10 mm auf Ø 5,5 mm und
Ø 12,5 mm auf Ø 5,5 mm..... 8923.802
Ø 12,5 mm auf Ø 10 mm..... 8924.802




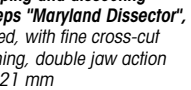

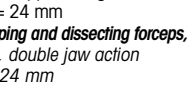

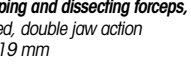
TROTEC-Trocar bestehend aus: TROTEC trocar consisting of:			Für RIWO ART-Trocarhülse mit: For RIWO ART trocar sleeves:	
 Schaft mit Lanzettenspitze, zweikantig / Sheath with two-edged lancet tip	 Griff mit federndem Schutzstab / Handle with spring-mounted protective rod	TROTEC-Trocar komplett TROTEC trocar complete		
8924.134	8923.135	8924.133	NL WL 100 mm	Ø 12.5 mm

ERAGON modular
modular instruments 5 mm

ERAGON modular
modulare Instrumente 5 mm

<p>ERAGON axial</p> <p>Alle Innenteile und Schaffrohre sind ebenfalls mit ERAGONaxial kombinierbar. <i>All jaw inserts and sheaths can also be combined with ERAGONaxial.</i></p>	Griffvarianten / Handle type				<p>Drehradaufsatz, ERAGONaxial Knob attachment, ERAGONaxial</p>  <p>autoklavierbar / autoclavable</p>
	 <p>mit Sperre, drehbar with locking mechanism, rotatable</p>	 <p>ohne Sperre, drehbar without locking mechanism, rotatable</p>	 <p>mit Sperre, drehbar with locking mechanism, rotatable</p>	 <p>mit Sperre, nicht drehbar with locking mechanism, not rotatable</p>	
	83930082	83930083	83930084	83930085	8988

4

<p>Innenteil Jaw insert</p> 	Schaffrohr, isoliert Sheath tube, insulated		Griffvarianten / Handle type		<p>Komplett-Instrument</p> <ul style="list-style-type: none"> • Innenteil • Schaffrohr • Handgriff <p>Complete instrument</p> <ul style="list-style-type: none"> • Jaw insert • Sheath • Handle
	NL / WL 330 mm	NL / WL 450 mm	 <p>HF / mono</p>		
Typen / Types	8393933	8394933	83930074		Typen / Types
 <p>Greif- und Dissektionszange "Maryland Dissektor", gebogen, mit feiner Verzahnung, doppelbeweglich, MTL= 21 mm <i>Grasping and dissecting forceps "Maryland Dissector", curved, with fine cross-cut toothing, double jaw action JL= 21 mm</i></p>	8393.281	●		●	83932817
 <p>8394.281</p>			●	●	83942817
 <p>Greif- und Dissektionszange, lang, doppelbeweglich MTL= 24 mm <i>Grasping and dissecting forceps, long, double jaw action JL= 24 mm</i></p>	8393194	●		●	83931947
 <p>8394194</p>			●	●	83941947
 <p>Greif- und Dissektionszange, gebogen, doppelbeweglich, MTL= 19 mm <i>Grasping and dissecting forceps, curved, double jaw action JL= 19 mm</i></p>	8393240	●		●	83932407
 <p>8394240</p>			●	●	83942407

* JL = Jaw length when jaws closed (approximate measurements)






* MTL = Maulteillänge bei geschlossenem Maulteil (gerundete Angaben)




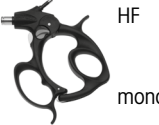



HF connecting cable see page BDE 163.

HF-Anschlusskabel siehe Blatt BDE 163.

ERAGON modular
modular instruments 5 mm

ERAGON modular
modulare Instrumente 5 mm

<p>ERAGON axial</p> <p>Alle Innenteile und Schaftrohre sind ebenfalls mit ERAGONaxial kombinierbar. <i>All jaw inserts and sheaths can also be combined with ERAGONaxial.</i></p>	<p>Griffvarianten / Handle type</p>				<p>Drehradaufsatz, ERAGONaxial Knob attachment, ERAGONaxial</p>  <p>autoklavierbar / autoclavable</p>
	 <p>mit Sperre, drehbar with locking mechanism, rotatable</p>	 <p>HF / mono ohne Sperre, drehbar without locking mechanism, rotatable</p>	 <p>HF / mono mit Sperre, drehbar with locking mechanism, rotatable</p>	 <p>mit Sperre, nicht drehbar with locking mechanism, not rotatable</p>	
Typen / Types	83930082	83930083	83930084	83930085	8988

<p>Innenteil Jaw insert</p>  <p>MTL / JL*</p>	<p>Schaftrohr, isoliert Sheath tube, insulated</p> 		<p>Griffvarianten / Handle type</p>  <p>HF mono</p>  <p>HF mono</p>		<p>Komplett-Instrument</p> <ul style="list-style-type: none"> • Innenteil • Schaftrohr • Handgriff <p>Complete instrument</p> <ul style="list-style-type: none"> • Jaw insert • Sheath • Handle
	<p>NL / WL 330 mm</p>	<p>NL / WL 450 mm</p>	<p>ohne Sperre, drehbar without locking mechanism, rotatable</p>	<p>mit Sperre, drehbar with locking mechanism, rotatable</p>	
Typen / Types	8393933	8394933	83930073	83930074	Typen / Types
 <p>Greif- und Präparierzange, feine Querverzahnung, doppelbeweglich, MTL= 21 mm Grasping and dissecting forceps, fine cross-cut foolthing, double jaw action, JL= 21 mm</p>	8393.183	●	●	●	83931837
 <p>Greif- und Dissektionszange, gefenstert mit feiner Querverzahnung, einseitig beweglich MTL= 21 mm Grasping and dissecting forceps, perforated, fine horizontal serrations, single jaw action, JL= 21 mm</p>	8393.185	●		●	83931857
 <p>Greif- und Dissektionszange, gefenstert mit feiner Querverzahnung, einseitig beweglich, MTL= 26 mm Grasping and dissecting forceps, perforated, fine horizontal serrations, single jaw action, JL= 26 mm</p>	8393.184	●		●	83931847
	8394.184		●	●	83941847

* JL = Jaw length when jaws closed (approximate measurements)







* MTL = Maulteillänge bei geschlossenem Maulteil (gerundete Angaben)








HF connecting cable see page BDE 163.

HF-Anschlusskabel siehe Blatt BDE 163.

ERAGON modular
modular instruments 5 mm

ERAGON modular
modulare Instrumente 5 mm

 Alle Innenteile und Schaftrohre sind ebenfalls mit ERAGONaxial kombinierbar. <i>All jaw inserts and sheaths can also be combined with ERAGONaxial.</i>	Griffvarianten / Handle type				Drehradanschluss, ERAGONaxial <i>Knob attachment, ERAGONaxial</i>  autoklavierbar / autoclavable
	 mit Sperre, drehbar <i>with locking mechanism, rotatable</i>	 HF / mono ohne Sperre, drehbar <i>without locking mechanism, rotatable</i>	 HF / mono mit Sperre, drehbar <i>with locking mechanism, rotatable</i>	 mit Sperre, nicht drehbar <i>with locking mechanism, not rotatable</i>	
Typen / Types	83930082	83930083	83930084	83930085	8988

Innenteil <i>Jaw insert</i>  MTL / JL*	Schaftrohr, isoliert <i>Sheath tube, insulated</i>		Griffvarianten / Handle type			Komplett-Instrument • Innenteil • Schaftrohr • Handgriff Complete instrument • Jaw insert • Sheath • Handle
	NL / WL 330 mm	NL / WL 450 mm	 mit Sperre, drehbar <i>with locking mechanism, rotatable</i>	 HF ohne Sperre, drehbar <i>without locking mechanism, rotatable</i>	 HF mit Sperre, drehbar <i>with locking mechanism, rotatable</i>	
Typen / Types	8393933	8394933	83930072	83930073	83930074	Typen / Types
 Greif- und Dissektionszange, doppelbeweglich, MTL= 16 mm Grasping and dissecting forceps, double jaw action, JL= 16 mm	8393193	●		●		83931937
	8394193		●	●		83941937
 Greif- und Präparierzange, atraumatisch, doppelbeweglich, MTL= 19 mm Grasping and dissecting forceps, atraumatic, double jaw action, JL= 19 mm	8393220	●			●	83932207
	8394220		●		●	83942207
 Atraumatische Greifzange, glatt, doppelbeweglich, MTL= 18 mm Atraumatic grasping forceps, smooth, double jaw action, JL= 18 mm	8393.195	●			●	83931957
	8394.195		●		●	83941957

* JL = Jaw length when jaws closed (approximate measurements)






* MTL = Maulteillänge bei geschlossenem Maulteil (gerundete Angaben)




HF connecting cable see page BDE 163.

HF-Anschlusskabel siehe Blatt BDE 163.

ERAGON modular
modular instruments 5 mm

ERAGON modular
modulare Instrumente 5 mm

<p>ERAGON axial</p> <p>Alle Innenteile und Schaftrohre sind ebenfalls mit ERAGONaxial kombinierbar. <i>All jaw inserts and sheaths can also be combined with ERAGONaxial.</i></p>	Griffvarianten / Handle type				<p>Drehradaufsatz, ERAGONaxial Knob attachment, ERAGONaxial</p>  <p>autoklavierbar / autoclavable</p>
	 <p>mit Sperre, drehbar with locking mechanism, rotatable</p>	 <p>HF / mono ohne Sperre, drehbar without locking mechanism, rotatable</p>	 <p>HF / mono mit Sperre, drehbar with locking mechanism, rotatable</p>	 <p>mit Sperre, nicht drehbar with locking mechanism, not rotatable</p>	
Typen / Types	83930082	83930083	83930084	83930085	8988



<p>Innenteil Jaw insert</p> 	<p>Schaftrohr, isoliert Sheath tube, insulated</p>  <p>NL / WL 330 mm</p>	Griffvarianten / Handle type		<p>Komplett-Instrument</p> <ul style="list-style-type: none"> • Innenteil • Schaftrohr • Handgriff <p>Complete instrument</p> <ul style="list-style-type: none"> • Jaw insert • Sheath • Handle
		<p>HF / mono</p> 		
Typen / Types	8393933	83930073		Typen / Types
<p>Probe-Exzisionszange, spitze Löffelzange, einfach beweglich, MTL= 20 mm Biopsy forceps, pointed spoon forceps, single jaw action, JL= 20 mm</p>	8393.093	●	●	83930937





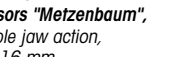

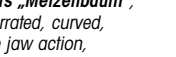

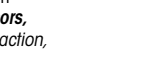
* JL = Jaw length when jaws closed (approximate measurements)

* MTL = Maulteillänge bei geschlossenem Maulteil (gerundete Angaben)

ERAGON modular mini
modular scissors 3.5 mm

ERAGON modular mini
modulare Scheren 3,5 mm

<p>ERAGON axial</p> <p>Alle Innenteile und Schaffrohre sind ebenfalls mit ERAGONaxial kombinierbar. <i>All jaw inserts and sheaths can also be combined with ERAGONaxial.</i></p>	<p>Griffvarianten / Handle type</p>  <p>HF / mono</p> <p>ohne Sperre, drehbar <i>without locking mechanism, rotatable</i></p>		<p>Drehradaufsatz, ERAGONaxial <i>Knob attachment, ERAGONaxial</i></p>  <p>autoklavierbar / autoclavable</p>
	Typen / Types	83930083	8988

<p>Innenteil <i>Jaw insert</i></p>  <p>MTL / JL*</p>	<p>Schaffrohr, isoliert <i>Sheath tube, insulated</i></p> 		<p>Griffvarianten / Handle type</p>  <p>HF / mono</p> <p>ohne Sperre, drehbar <i>without locking mechanism, rotatable</i></p>		<p>Komplett-Instrument</p> <ul style="list-style-type: none"> • Innenteil • Schaffrohr • Handgriff <p>Complete instrument</p> <ul style="list-style-type: none"> • Jaw insert • Sheath • Handle
	Typen / Types	NL / WL 240 mm	NL / WL 330 mm	83930073	
 <p>Schere "Metzenbaum", doppelbeweglich, MTL= 16 mm Scissors "Metzenbaum", <i>double jaw action,</i> JL= 16 mm</p>	8390215	●		●	83902157
 <p>Schere "Metzenbaum", fein gezahnt, gebogen, doppelbeweglich, MTL= 14 mm Scissors „Metzenbaum”, <i>fine serrated, curved,</i> <i>double jaw action,</i> JL= 14 mm</p>	8391215		●	●	83912157
 <p>Schere "Metzenbaum", fein gezahnt, gebogen, doppelbeweglich, MTL= 14 mm Scissors „Metzenbaum”, <i>fine serrated, curved,</i> <i>double jaw action,</i> JL= 14 mm</p>	8390224	●		●	83902247
 <p>Schere "Metzenbaum", fein gezahnt, gebogen, doppelbeweglich, MTL= 14 mm Scissors „Metzenbaum”, <i>fine serrated, curved,</i> <i>double jaw action,</i> JL= 14 mm</p>	8391224		●	●	83912247
 <p>Hakenschere, einfach beweglich, MTL= 8 mm Hook scissors, <i>single jaw action,</i> JL= 8 mm</p>	8390227	●		●	83902277
 <p>Hakenschere, einfach beweglich, MTL= 8 mm Hook scissors, <i>single jaw action,</i> JL= 8 mm</p>	8391227		●	●	83912277

* JL = Jaw length when jaws closed (approximate measurements)

* MTL = Maulteillänge bei geschlossenem Maulteil (gerundete Angaben)



HF connecting cable see page BDE 163.







HF-Anschlusskabel siehe Blatt BDE 163.

5

ERAGON modular
modular scissors 5 mm

ERAGON modular
modulare Scheren 5 mm

<p>ERAGON axial</p> <p>Alle Innenteile und Schaftrohre sind ebenfalls mit ERAGONaxial kombinierbar. <i>All jaw inserts and sheaths can also be combined with ERAGONaxial.</i></p>	<p>Griffvarianten / Handle type</p> <p>HF / mono </p> <p>ohne Sperre, drehbar <i>without locking mechanism, rotatable</i></p>		<p>Drehradaufsatz, ERAGONaxial Knob attachment, ERAGONaxial</p> <p></p> <p>autoklavierbar / autoclavable</p>
	Typen / Types	83930083	8988

<p>Innenteil <i>Jaw insert</i></p> <p></p> <p>MTL / JL*</p>	<p>Schaftrohr, isoliert <i>Sheath tube, insulated</i></p> <p></p> <p>NL / WL 330 mm NL / WL 450 mm</p>		<p>Griffvarianten / Handle type</p> <p>HF / mono </p> <p>ohne Sperre, drehbar <i>without locking mechanism, rotatable</i></p>		<p>Komplett-Instrument</p> <ul style="list-style-type: none"> • Innenteil • Schaftrohr • Handgriff <p>Complete instrument</p> <ul style="list-style-type: none"> • Jaw insert • Sheath • Handle
	Typen / Types	8393933	8394933	83930073	
<p></p> <p>Schere "Metzenbaum", links gebogen, doppelbeweglich, MTL= 23 mm <i>Scissors "Metzenbaum", curved left, double jaw action, JL= 23 mm</i></p>	8393.041	●		●	83930417
	8394.041		●	●	83940417
<p></p> <p>Schere "Metzenbaum", gebogen, doppelbeweglich, MTL= 21 mm <i>Scissors "Metzenbaum", curved, double jaw action, JL= 21.2 mm</i></p>	8393243	●		●	83932437
	8394243		●	●	83942437
<p></p> <p>Mikro-Schere "Metzenbaum", gebogen, doppelbeweglich, MTL= 18 mm <i>Micro-scissors "Metzenbaum", curved, double jaw action, JL= 18 mm</i></p>	8393.044	●		●	83930447

* JL = Jaw length when jaws closed (approximate measurements)


* MTL = Maulteillänge bei geschlossenem Maulteil (gerundete Angaben)






HF connecting cable see page BDE 163.

HF-Anschlusskabel siehe Blatt BDE 163.

Electrodes 5 mm
monopolar

Elektroden 5 mm
monopolar



	NL / WL 340 mm	NL / WL 420 mm	Typen / Types
 Haken-Elektrode <i>Hook electrode</i>	●		8383.423
 Haken-Elektrode <i>Hook electrode</i>		●	8384.423
 Nadel-Elektrode <i>Needle electrode</i>	●		8383.426
 Spatel-Elektrode <i>Spatula electrode</i>	●		8383.428
 Myom Dissektor <i>Myoma dissector</i>	●		8383429

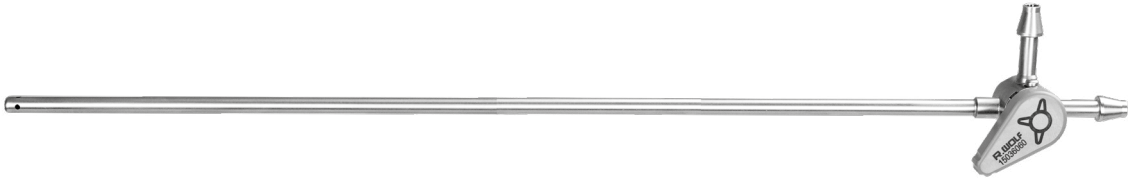
7


HF connecting cable see page BDE 163.

HF-Anschlusskabel siehe Blatt BDE 163.

Suction and Irrigation Tubes 5 mm

Saug-Spül-Rohre 5 mm



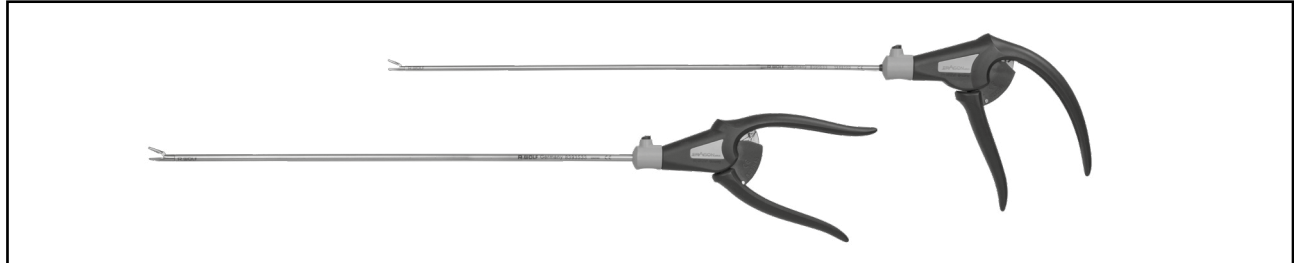
	NL / WL 290 mm	NL / WL 410 mm	Typen / Types
 Saug-Spül-Rohr mit wartungsfreiem Zweiwegehahn, Schaffrohr mit distalen Öffnungen, wiederverwendbar Suction-irrigation tube with maintenance-free two-way stopcock, sheath tube with distal openings, reusable	●		8583732
		●	8584732




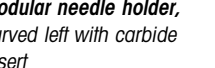
ERAGON *stitch*

Needle Holder 5 mm
modular system

ERAGON *stitch*

Nadelhalter 5 mm
modulares System






Nadelhalter-Innenteil Needle holder insert	Schaftrohr Sheath tube	Griffvarianten / Handle type		Komplett-Instrument • Innenteil • Schaftrohr • Handgriff Complete instrument • Jaw insert • Sheath • Handle		
		axial	abgewinkelt / angled			
		einseitig beweglich, mit On-Off-Rastfunktion single movement, with on-off locking mechanism		Bestell-Nr. Order no.		
ERAGON <i>stitch</i>	Typen / Types	SL 330 mm	SL 450 mm	8393943	8393944	
 Nadelhalter , rechts gebogen mit Hartmetalleinsatz MTL= 19 mm Modular needle holder , curved right with carbide insert JL= 19 mm	8393518	●		●		83935183
		●			●	
 Nadelhalter , links gebogen mit Hartmetalleinsatz MTL= 19 mm Modular needle holder , curved left with carbide insert JL= 19 mm	8394518		●	●		83945183
			●			●
 Nadelhalter , links gebogen mit Hartmetalleinsatz MTL= 19 mm Modular needle holder , curved left with carbide insert JL= 19 mm	8393519	●		●		83935193
		●			●	
 Nadelhalter , links gebogen mit Hartmetalleinsatz MTL= 19 mm Modular needle holder , curved left with carbide insert JL= 19 mm	8394519		●	●		83945193
			●			●

* JL = Jaw length when jaws closed (approximate measurements)



* MTL = Maulteillänge bei geschlossenem Maulteil (gerundete Angaben)

Knot Pusher 5 mm
for endoscopic suturing

Knotenschieber 5 mm
zum endoskopischen Nähen

		
	NL / WL 330 mm	Typen / Types
 Knotenschieber, für intraabdominale Knoten Knot pusher, for intra-abdominal knots	●	8383.55
 Knotenschieber, für extrakorporale Knoten Knot pusher, for extracorporeal knots	●	8383.551






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	NL / WL 330 mm	Typen / Types
 Extrakorporaler Knotenschieber nach Bueß mit distaler Einkerbung und lateraler Öffnung zur optimalen Knotenführung, extrem atraumatische Spitze zur Benutzung als Taststab Extracorporeal knot pusher by Bueß with distal notch and lateral opening for optimum knotting, extremely atraumatic tip for use as probe	●	8383.552



Overview of the range

Lot 15

Light Cables in new design



Fiber Light Cable Set	Color identification, endoscope-side	Ø Fiber bundle and color code	Length	Order number	Order number without adapter
 <p>Set bestehend aus: Fiber Lichtleiter, Adapter projektorseitig (8095.07) und Adapter endoskopseitig (809509)</p> <p>* Die Lichtleiter können auch ohne Adapter bestellt werden. Adapter zum Anschluss an Fremdprodukte bieten wir separat an (siehe unten).</p>		1,6 mm	1,8 m	806616181	80661618*
			2,3 m	806616231	80661623*
			3,0 m	806616301	80661630*
		2,5 mm	1,8 m	806625181	80662518*
			2,3 m	806625231	80662523*
			3,0 m	806625301	80662530*
		3,5 mm	1,8 m	806635181	80663518*
			2,3 m	806635231	80663523*
			3,0 m	806635301	80663530*
		5,0 mm	3,5 m	806635351	80663535*
			2,3 m	806650231	80665023*
			3,0 m	806650301	80665030*
			3,5 m	806650351	80665035*

Fused *fusion* light cables, resistant to high temperatures

fusion Light Cable Set	Color identification, endoscope-side	Ø Fiber bundle and color code	Length	Order number	Order number without adapter
 <p>Set comprises: Fiber Light Cable, adapter projector-light source-end (8095.07) and adapter endoscope-end (809509)</p> <p>*The <i>fusion</i> light cables can also be ordered without adapters and they are compatible with the same adapters.</p>		5,0 mm	2,3 m	806550231	80655023*
			3,0 m	806550301	80655030*
			3,5 m	806550351	80655035*

Adapters for light cables

for connection to **light sources** from the following manufacturers:

Wolf, Stryker..... 8095.07	
Storz	no adapter necessary
Olympus..... 8096.811	



for connection to **endoscopes** from the following manufacturers:

Wolf..... 809509	
Storz, Stryker, Olympus..... 807001	
ACMI, Circon, Henke-Sass-Wolf..... 807002	



Catalog # :

338110T

Horizon™ Endoscopic Ligating Clip Appliers

Description:

Medium/Large, 10mm endoscopic, take-apart, 13" (33 cm)

Lot 12

