



Benannt durch/Designated by  
Zentralstelle der Länder  
für Gesundheitsschutz  
bei Arzneimitteln und  
Medizinprodukten  
www.zlg.de  
ZLG-BS-244.10.08



Product Service

# EC Certificate

Full Quality Assurance System  
Directive 93/42/EEC on Medical Devices (MDD), Annex II excluding (4)  
(Devices in Class IIa, IIb or III)

**No. G1 011099 0060 Rev. 01**

## Manufacturer:

**ulrich GmbH & Co. KG**

Buchbrunnenweg 12  
89081 Ulm  
GERMANY

## Facility(ies):

ulrich GmbH & Co. KG  
Buchbrunnenweg 12, 89081 Ulm, GERMANY

ulrich GmbH & Co. KG  
Mergelgrube 1, 89081 Ulm, GERMANY

**Product Category(ies):** surgical instruments, implants for osteosynthesis, interbody fusion devices, vertebral body replacements, spinal plate systems, spinal rod-screw-systems, contrast media injectors, disposables for contrast media injectors, surgical tourniquets, disposables for surgical tourniquets

The Certification Body of TÜV SÜD Product Service GmbH declares that the aforementioned manufacturer has implemented a quality assurance system for design, manufacture and final inspection of the respective devices / device categories in accordance with MDD Annex II. This quality assurance system conforms to the requirements of this Directive and is subject to periodical surveillance. For marketing of class III devices an additional Annex II (4) certificate is mandatory. See also notes overleaf.

**Report No.:** 713159589

**Valid from:** 2020-01-15

**Valid until:** 2024-05-26

**Date,** 2020-01-15

Christoph Dicks  
Head of Certification/Notified Body



# Certificate

No. Q5 011099 0059 Rev. 01

**Holder of Certificate:** **ulrich GmbH & Co. KG**  
Buchbrunnenweg 12  
89081 Ulm  
GERMANY

**Certification Mark:**



**Scope of Certificate:** **Design and Development, Production and Distribution of Surgical Instruments, Implants for Osteosynthesis, Interbody Fusion Devices, Vertebral Body Replacements, Spinal Plate Systems, Spinal Rod-Screw-Systems, Contrast Media Injectors, Disposables for Contrast Media Injectors, Surgical Tourniquets, Disposables for Surgical Tourniquets; Installation of Contrast Media Injectors; Servicing of Contrast Media Injectors and Surgical Tourniquets**

The Certification Body of TÜV SÜD Product Service GmbH certifies that the company mentioned above has established and is maintaining a quality management system, which meets the requirements of the listed standard(s). All applicable requirements of the testing and certification regulation of TÜV SÜD Group have to be complied with. For details and certificate validity see: [www.tuvsud.com/ps-cert?q=cert:Q5 011099 0059 Rev. 01](http://www.tuvsud.com/ps-cert?q=cert:Q5 011099 0059 Rev. 01)

**Report No.:** 713212284

**Valid from:** 2022-04-01  
**Valid until:** 2025-03-31

**Date,** 2022-03-31

Christoph Dicks  
Head of Certification/Notified Body

# Certificate

No. Q5 011099 0059 Rev. 01

**Applied Standard(s):**

EN ISO 13485:2016  
Medical devices - Quality management systems -  
Requirements for regulatory purposes  
(ISO 13485:2016)  
DIN EN ISO 13485:2016

**Facility(ies):**

ulrich GmbH & Co. KG  
Buchbrunnenweg 12, 89081 Ulm, GERMANY

Design and Development, Production and Distribution of Surgical Instruments, Implants for Osteosynthesis, Interbody Fusion Devices, Vertebral Body Replacements, Spinal Plate Systems, Spinal Rod-Screw-Systems, Contrast Media Injectors, Disposables for Contrast Media Injectors, Surgical Tourniquets, Disposables for Surgical Tourniquets; Installation of Contrast Media Injectors; Servicing of Contrast Media Injectors and Surgical Tourniquets

ulrich GmbH & Co. KG  
Mergelgrube 1, 89081 Ulm, GERMANY

Production and Distribution of Surgical Instruments, Implants for Osteosynthesis, Interbody fusion Devices, Vertebral Body Replacements, Spinal Plate Systems, Spinal Rod-Screw-Systems, Contrast Media Injectors, Disposables for Contrast Media Injectors, Surgical Tourniquets, Disposables for Surgical Tourniquets

./.



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

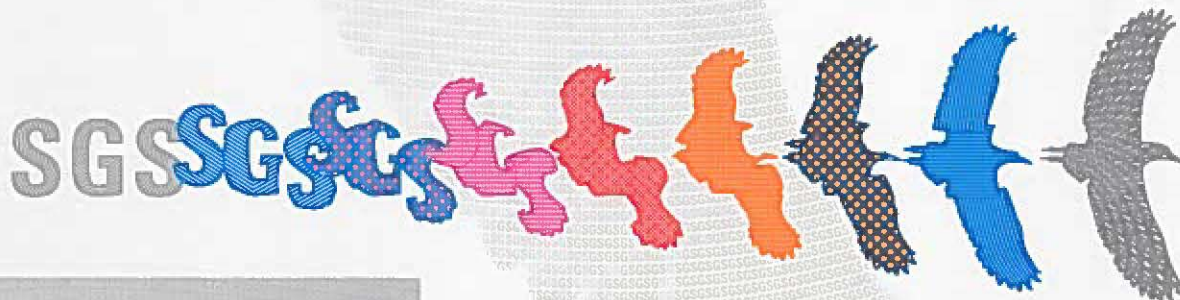


**SGS Belgium NV, Notified Body 1639**

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

LPMD5007 - Certificate CE1639 Annex II-4\_EN rev. 02

Page 1 of 3



## 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 Applicators.  
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 closuresystem (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

SGS

## 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 Annex V\_EN rev. 01

Page 1 of 2



SGS

SGS

SGS

SGS

SGS

SGS

SGS

This document is issued by the Company subject to its General Conditions of Certification Services accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. The authenticity of this document may be verified at <http://www.sgs.com/en/certified-clients-and-products/certified-client-directory>. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



## 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](http://www.sgs.com)

21HC 13485 2016 0421 M2

Page 1 of 2



This document is issued by the Company subject to its General Conditions of Certification Services accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. The authenticity of this document may be verified at <http://www.sgs.com/en/certified-clients-and-products/certified-client-directory>. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

**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.**

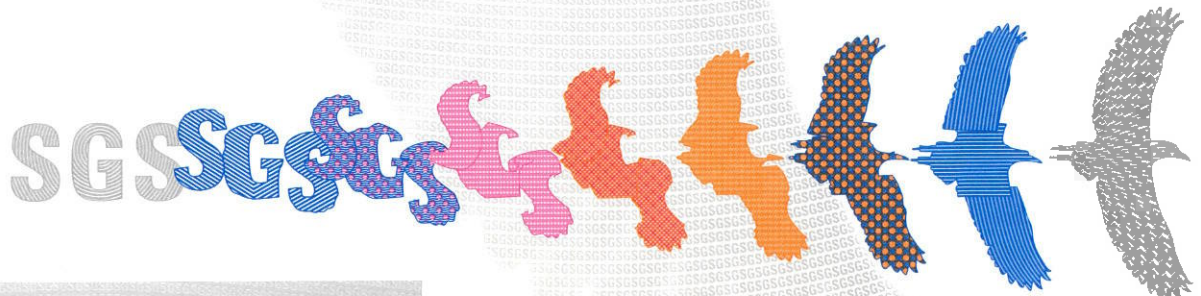
**Distribution of sterile single use absorbable and non-absorbable sutures and non-sterile suture material. Distribution of medical devices for endoscopy; fiber optic illuminators; sterile single use instruments for cardiovascular and general surgical procedures.**

Additional facilities

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



0005





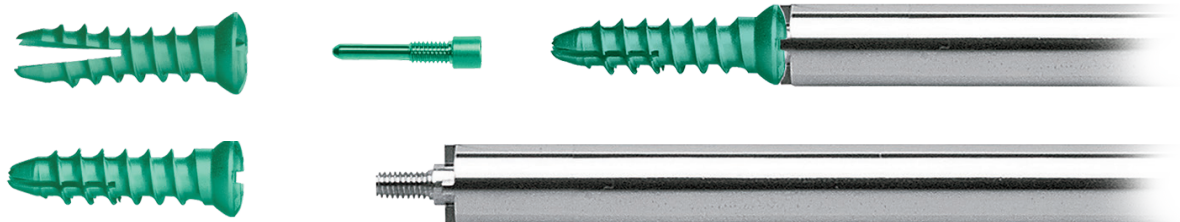
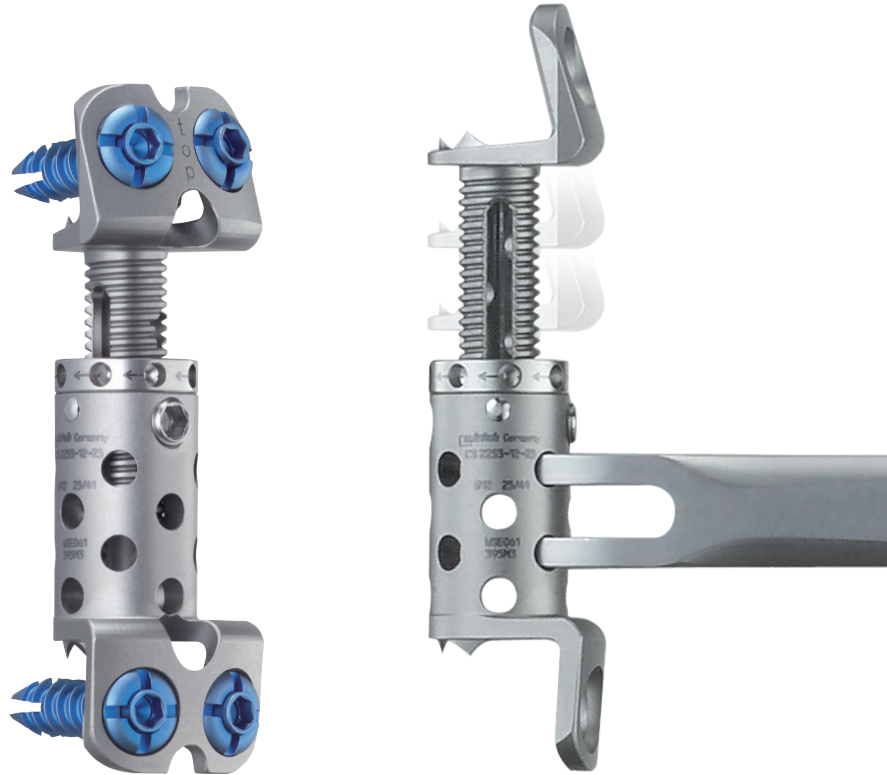
# ADDplus™

anterior distraction device plus



# System

- Distractable vertebral body replacement with solid plate for the anterior cervical and cervico-thoracic spine
- Increasing angles with increasing implant size (0°–18°)
- Optionally cancellous bone screws or expandable screws
- Large filling volume for bone/ bone substitute material







## Advantages

- Vertebral body substitute and plate, in a single system
- Optimized implant anchoring by expandable screw
- Smoothly distractable for individual anatomical adaptation
- Large filling volume



# Components

Implants	Product number
ADDplus, Ø 12 mm, angle 0°, Height 13 – 18 mm	CS 2253-12-13
ADDplus, Ø 12 mm, angle 6°, Height 17 – 26 mm	CS 2253-12-17
ADDplus, Ø 12 mm, angle 12°, Height 25 – 41 mm	CS 2253-12-25
ADDplus, Ø 12 mm, angle 18°, Height 40 – 65 mm	CS 2253-12-40
osmium screw incl. bolt, gold, Ø 5.0 mm, Length 14 mm	CS 1300-14T
osmium screw incl. bolt, green, Ø 5.0 mm, Length 16 mm	CS 1300-16T
osmium screw incl. bolt, blue, Ø 5.0 mm, Length 18 mm	CS 1300-18T
Cancellous bone screw, Ø 4.0 mm, Length 12 – 26 mm (2 mm steps)	CS 1301-12T – CS 1301-26T
Locking screw	CS 2259

## Optional

osmium screw incl. bolt, grey, Ø 4.0 mm, length 12 mm	CS 1303-12
osmium screw incl. bolt, gold, Ø 4,0 mm, length 14 mm	CS 1303-14
osmium screw incl. bolt, green, Ø 4,0 mm, length 16 mm	CS 1303-16
osmium screw incl. bolt, blue, Ø 4,0 mm, length 18 mm	CS 1303-18

Over a Century  
of Innovation



ulrich GmbH & Co. KG | Buchbrunnenweg 12 | 89081 Ulm | Germany  
Phone: +49 (0)731 9654-0 | Fax: +49 (0)731 9654-2705  
spine@ulrichmedical.com | www.ulrichmedical.com



**cerv-X™**

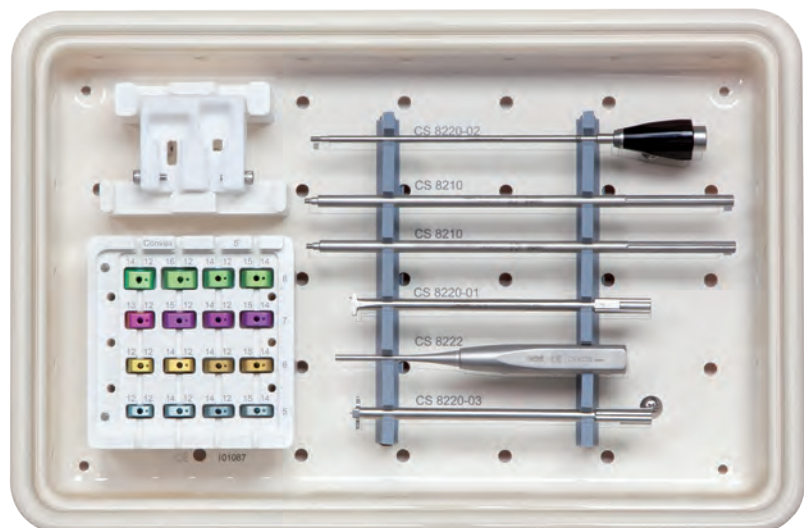
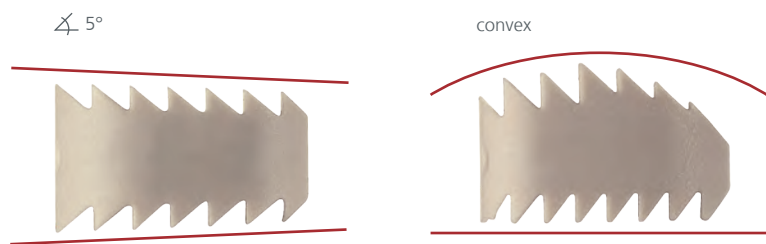
cervical cage



**Ulrich**  
medical

# System

- Cage for cervical interbody fusion
- Radiolucent PEEK Optima® LT1
- Two different shapes allow adaptation to end plates



Clearly arranged tray and sterile packaged implants





## Advantages

- Simple handling and easy placement
- Tantalum x-ray marker for position control
- Sterile packaged implants

cerv-X™ and mambo™



cerv-X™

# Components

Implants	Product number
cerv-X, height 5 mm, width 14 mm, length 12 mm, angle 5°	CS 8200-05
cerv-X, height 6 mm, width 14 mm, length 12 mm, angle 5°	CS 8200-06
cerv-X, height 7 mm, width 14 mm, length 12 mm, angle 5°	CS 8200-07
cerv-X, height 8 mm, width 14 mm, length 12 mm, angle 5°	CS 8200-08
cerv-X, height 9 mm, width 14 mm, length 12 mm, angle 5°	CS 8200-09
cerv-X, height 10 mm, width 14 mm, length 12 mm, angle 5°	CS 8200-10
cerv-X, convex, height 4 mm, width 12 mm, length 12 mm	CS 8201-04
cerv-X, convex, height 5 mm, width 12 mm, length 12 mm	CS 8201-05
cerv-X, convex, height 6 mm, width 12 mm, length 12 mm	CS 8201-06
cerv-X, convex, height 7 mm, width 13 mm, length 12 mm	CS 8201-07
cerv-X, convex, height 8 mm, width 14 mm, length 12 mm	CS 8201-08
cerv-X, convex, height 9 mm, width 14 mm, length 12 mm	CS 8201-09
cerv-X, convex, height 10 mm, width 14 mm, length 12 mm	CS 8201-10
cerv-X, height 5 mm, width 15 mm, length 14 mm, angle 5°	CS 8202-05
cerv-X, height 6 mm, width 15 mm, length 14 mm, angle 5°	CS 8202-06
cerv-X, height 7 mm, width 15 mm, length 14 mm, angle 5°	CS 8202-07
cerv-X, height 8 mm, width 15 mm, length 14 mm, angle 5°	CS 8202-08
cerv-X, convex, height 4 mm, width 14 mm, length 12 mm	CS 8203-04
cerv-X, convex, height 5 mm, width 14 mm, length 12 mm	CS 8203-05
cerv-X, convex, height 6 mm, width 14 mm, length 12 mm	CS 8203-06
cerv-X, convex, height 7 mm, width 15 mm, length 12 mm	CS 8203-07
cerv-X, convex, height 8 mm, width 16 mm, length 12 mm	CS 8203-08

Over a Century  
of Innovation



ulrich GmbH & Co. KG | Buchbrunnenweg 12 | 89081 Ulm | Germany  
Phone: +49 (0)731 9654-0 | Fax: +49 (0)731 9654-2705  
spine@ulrichmedical.com | www.ulrichmedical.com

**pezo™**

PEEK cage family



Versatile  
cage family

**ulrich**  
medical



# System

- Implant family for lumbar to lumbosacral interbody fusion
- Three cage types for posterior and anterior approaches (PLIF, TLIF, ALIF)
- Radiolucent PEEK Optima® LT1 material
- Large filling volume for bone/ bone substitute material



One functional principle  
for all cage types



Available in three sizes (S, M, L) as well as  
different heights and angles



## Advantages

- Inserter with the same functional principle for all cages
- Large selection of shapes and sizes
- Sterile packaging – 9½ years shelf life



# Components

Implants	Length x width	Height	Angle	Product number
pezo-P	24x10 mm	7 to 13 mm	5°	CS 3301-07 to -13
pezo-P	29x10 mm	7 to 13 mm	5°	CS 3302-07 to -13
pezo-P	29x10 mm	8 to 13 mm	12°	CS 3303-08 to -13
pezo-T	29x11 mm	7 to 13 mm	5°	CS 3315-07 to -13
pezo-T	29x14 mm	7 to 13 mm	5°	CS 3316-07 to -13
pezo-T	34x16 mm	7 to 13 mm	5°	CS 3317-07 to -13
pezo-A	28x22 mm	8 to 14 mm	8°	CS 3331-08 to -14
pezo-A	31x25 mm	8 to 16 mm	0°	CS 3332-08 to -16
pezo-A	31x25 mm	8 to 16 mm	8°	CS 3333-08 to -16
pezo-A	31x25 mm	8 to 16 mm	12°	CS 3334-08 to -16
pezo-A	34x28 mm	8 to 16 mm	0°	CS 3335-08 to -16
pezo-A	34x28 mm	8 to 16 mm	8°	CS 3336-08 to -16
pezo-A	34x28 mm	10 to 16 mm	12°	CS 3337-10 to -16

## Optional

Implants	Length x width	Height	Angle	Product number
pezo-P	24x10 mm	14 mm	5°	CS 3301-14
pezo-P	29x10 mm	14 mm	5°	CS 3302-14
pezo-P	29x10 mm	14 mm	12°	CS 3303-14
pezo-T	29x11 mm	14 mm	5°	CS 3315-14
pezo-T	29x14 mm	14 mm	5°	CS 3316-14
pezo-T	34x16 mm	14 mm	5°	CS 3317-14
pezo-A	28x22 mm	16 mm	8°	CS 3331-16
pezo-A	31x25 mm	18 mm	0°	CS 3332-18
pezo-A	31x25 mm	18 mm	8°	CS 3333-18
pezo-A	31x25 mm	18 mm	12°	CS 3334-18
pezo-A	34x28 mm	18 mm	0°	CS 3335-18
pezo-A	34x28 mm	18 mm	8°	CS 3336-18
pezo-A	34x28 mm	18 mm	12°	CS 3337-18

patented  
or/and  
pat. pend.

Over a Century  
of Innovation



ulrich GmbH & Co. KG | Buchbrunnenweg 12 | 89081 Ulm | Germany  
Phone: +49 (0)731 9654-0 | Fax: +49 (0)731 9654-2705  
spine@ulrichmedical.com | www.ulrichmedical.com



ARROW | RÜSCH | TAUT | WECK

## LAPAROSCOPIC SURGERY



# LAPAROSCOPIC SURGERY SOLUTIONS FROM THE FIRST TO THE LAST STEP

**All from one source – made possible by Teleflex Medical, a global leader in superior medical products.**

With famous brands such as Arrow, Rüsch, Taut and Weck under one solid roof, we can offer our customers an unparalleled range of high-end and often unique surgical instruments to be applied not only in General Surgery, Gynaecology and Urology, but also in highly specialised areas, for example Bariatric and Paediatric Surgery. They can even be applied in robotic surgery.

With all our products, from design through manufacturing to distribution, it is the healthcare customer we have on our mind, striving for perfection in every detail to provide utmost safety coupled with greatest comfort. We are dedicated to enhancing patients' quality of life with instruments which are minimally invasive and prevent infections.

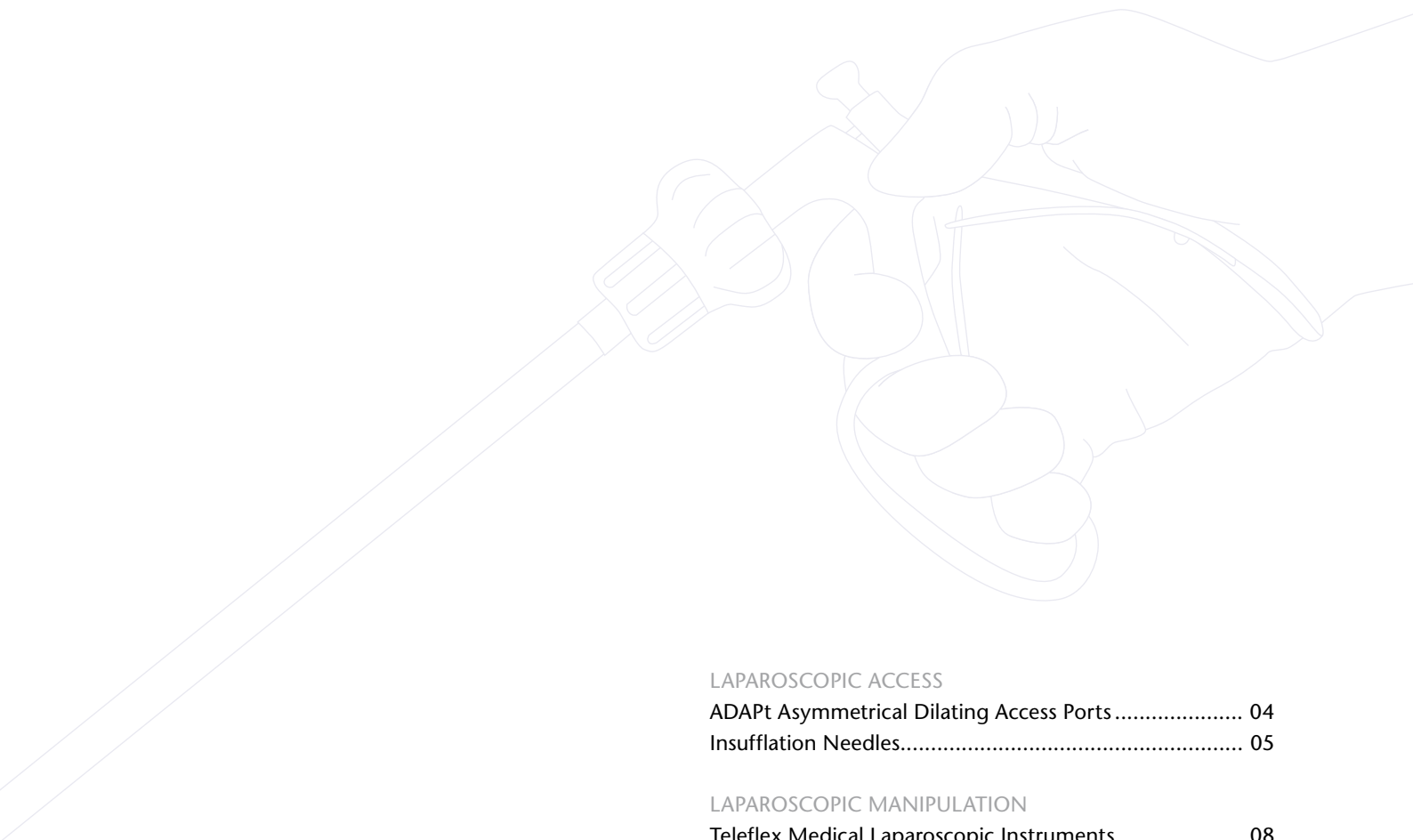
Yet, we do not stop there. It is our ambition to always be one step ahead of time.

With our state-of-the-art product range for laparoscopic surgery we can meet the surgeon's need for safe and easy-to-use instruments as well as the patient's need for a painless and quick recovery.

We also strive for perfection by devoting our entire energy to superior customer service. Plus, our worldwide network of highly qualified and dedicated staff assure you the best of advice, training and support.

If you are interested in receiving information on other products areas, e.g. Critical Care, Respiratory Care, Anaesthesia, Urology and Cardiac Assist, please contact your representative or our customer service.

# LAPAROSCOPIC SURGERY



LAPAROSCOPIC ACCESS

ADAPt Asymmetrical Dilating Access Ports ..... 04

Insufflation Needles..... 05

LAPAROSCOPIC MANIPULATION

Teleflex Medical Laparoscopic Instruments ..... 08

Memobag ..... 10

Cholangio Catheters..... 12

LAPAROSCOPIC LIGATION & CLOSURE

Hem-o-lok Ligation System ..... 14

Horizon Ligation System ..... 17

Visistat Skin Stapler..... 18



## LAPAROSCOPIC ACCESS

THE CONVINCING  
ADAPt ADVANTAGE  
ADAPt ports can cut  
defect size by 58%  
when compared with the  
most common bladed  
trocar of the same size  
(UCLA study, see  
[www.taut.com](http://www.taut.com) to obtain  
a copy of this and other  
pertinent literature).

**ADAPt**<sup>TM</sup>



### ADAPt ASYMMETRICAL DILATING ACCESS PORTS – A DREAM COME TRUE

ADAPt bladeless access ports eliminate the need for metal or plastic bladed trocars thus minimising the risks and complications associated with laparoscopic surgery. Operating theatre times are reduced and the patient recovers more quickly.

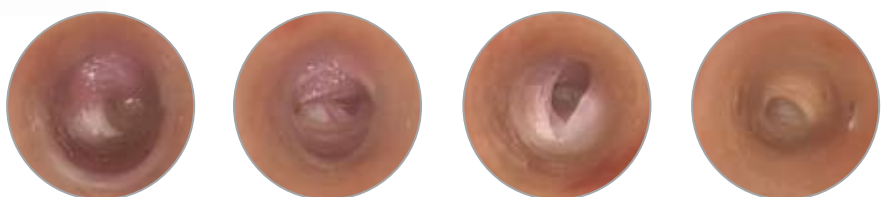
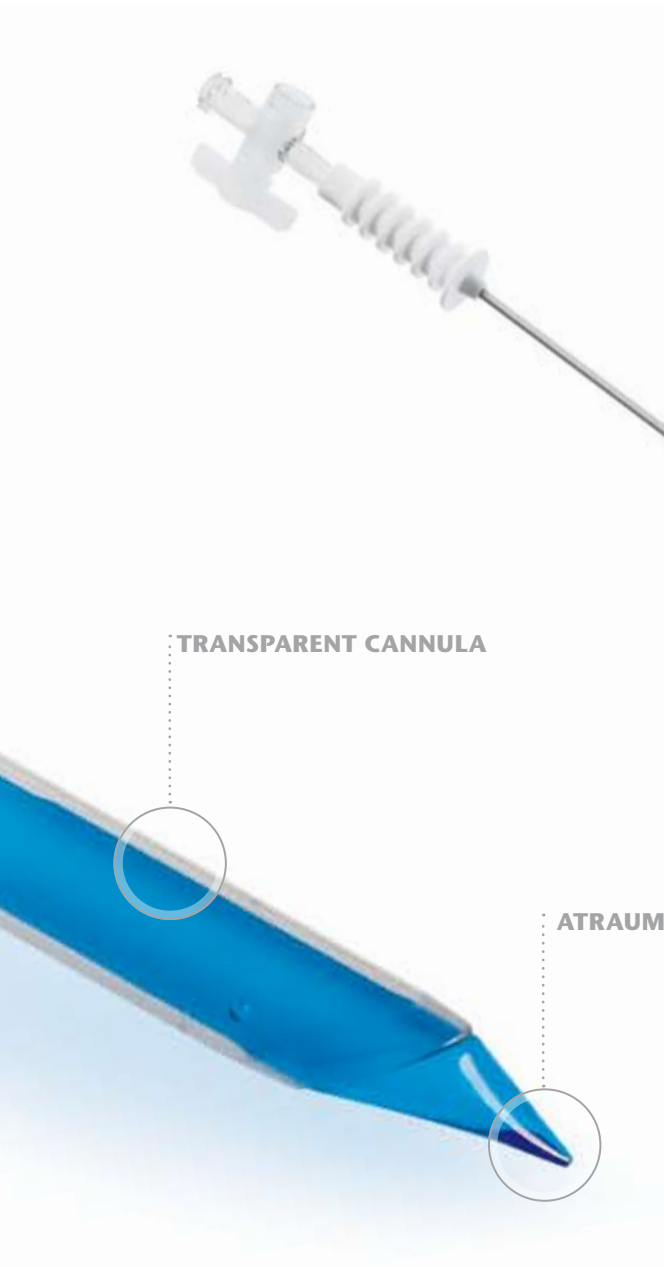
### A TIP AND A SEAL WITH A DIFFERENCE

With their revolutionary tip design and unique universal seal ADAPt trocars can be used for all laparoscopic procedures. The exclusive rotary valve opens 100% with a simple twist, facilitating the insertion or removal of e.g. specimens, hernia mesh or drains during the procedure.

## INSUFFLATION NEEDLES

Our insufflation needles are designed for easy penetration and have a non-slip handle. A red insertion marker appears when the needle obturator is depressed, indicating that the blade is exposed. Available in standard and longer sizes.

INSUFFLATION NEEDLES		TAUT
REF. NO.	DESCRIPTION	QUANTITY
35120	Insufflation Needle 14 ga. x 120 mm	10/box
35150	Insufflation Needle 14 ga. x 150 mm	10/box



Enlarged photos of ADAPt tissue defect closing as the port is being removed.

**ADAPT TROCARS, 5 mm****TAUT**

REF. NO.	CANNULA	INSTRUMENT	LENGTH	VALVE	DETAILS
40507	5 mm	5 mm	70 mm	Duckbill	
43507	5 mm	5 mm – 3 mm	70 mm	Duckbill	Universal Seal Trocar
40510	5 mm	5 mm	100 mm	Flapper	
40513	5 mm	5 mm	125 mm	Duckbill	
40522	5 mm	5 mm	100 mm	Flapper	

**ADAPT TROCAR, 8 mm****TAUT**

REF. NO.	CANNULA	INSTRUMENT	LENGTH	VALVE	DETAILS
40810	8 mm	8 mm – 5 mm	100 mm	Flapper	integrated reducer

**ADAPT TROCARS, 10 mm****TAUT**

REF. NO.	CANNULA	INSTRUMENT	LENGTH	VALVE	DETAILS
41010	10 mm	10 mm	100 mm	Flapper	
41051	10 mm	10 mm – 5 mm	100 mm	Duckbill	integrated reducer
41022	10 mm	10 mm	100 mm	Duckbill	
405910	10 mm	10 mm, 5 mm	100 mm	Duckbill	<b>NEW</b> Universal Seal Trocar

**ADAPT TROCARS, 12 mm****TAUT**

REF. NO.	CANNULA	INSTRUMENT	LENGTH	VALVE	DETAILS
41210	12 mm	12 mm – 10 mm	100 mm	Duckbill	integrated reducer
41222	12 mm	12 mm – 10 mm	100 mm	Flapper	integrated reducer
405912	12 mm	12 mm – 10 mm, 5 mm	100 mm	Duckbill	<b>NEW</b> Universal Seal Trocar
41213	12 mm	12 mm – 10 mm	125 mm	Duckbill	integrated reducer
40591213	12 mm	12 mm – 10 mm, 5 mm	125 mm	Duckbill	<b>NEW</b> Universal Seal Trocar

**Unique rotary valve and floating seal.**

A simple twist, and the ADAPT valve opens 100%, allowing for fast and complete desufflation, and facilitating insertion and removal of sutures, drains, specimens and hernia mesh. No more easily torn diaphragm seals as found on most other trocars. This unique seal simply “floats” out of the way and thus avoids tears by clip appliers, staplers and needles.

**A new approach to the universal seal.**

Building on the floating seal design, the new ADAPT 5-10 mm Universal Seal provides a robust seal that accommodates a wide variety of instrumentation.



**ADAPT TROCAR, 15 mm****TAUT**

REF. NO.	CANNULA	INSTRUMENT	LENGTH	VALVE	DETAILS
41510	15 mm	15 mm, 5 mm	100 mm	Duckbill	supplied with reducer cap

**BALLOON ADAPT TROCARS****TAUT**

REF. NO.	CANNULA	INSTRUMENT	LENGTH	VALVE	DETAILS
41044	10 mm	10 mm	70 mm	Duckbill	
41244	12 mm	12 mm – 10 mm	100 mm	Flapper	integrated reducer

**HASSON ADAPT TROCAR****TAUT**

REF. NO.	CANNULA	INSTRUMENT	LENGTH	VALVE	DETAILS
41233	12 mm	12 mm – 10 mm	100 mm	Flapper	integrated reducer

**REDUCER CAP****TAUT**

REF. NO.	CANNULA	INSTRUMENT	LENGTH	VALVE	DETAILS
40005		5 mm			Reducer Cap

**ADAPt ports dilate through tissue without cutting blades.** The unique asymmetrical tip stretches and divides fascial fibres thus avoiding bladed injury.

**No blades. No shield. Minimal insertion force.** Only minimal downward pressure is necessary to gain peritoneal access. The tip “seeks” its path of least resistance through each fascial layer and the peritoneum.

**Small, non-linear defects.** Unlike conical or modified-conical tips, the asymmetrical ADAPt port creates a non-linear path through the fascia and leaves only a small, non-linear defect after removal.

**Fascial tensions grip the cannula and hold the port firmly in place.** Thanks to asymmetrical dilation, fascial tensions are maintained. No threads, no barbs, no sleeves which may cause tissue distress.

## LAPAROSCOPIC MANIPULATION



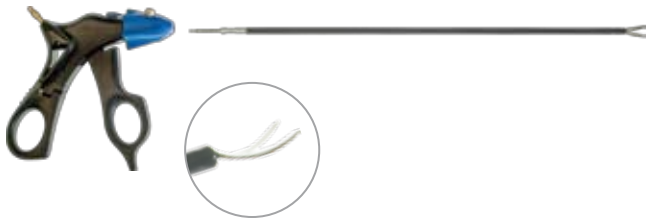
*Swivel leg for maximum manoeuvrability*



*Ratchet for exact and safe positioning*

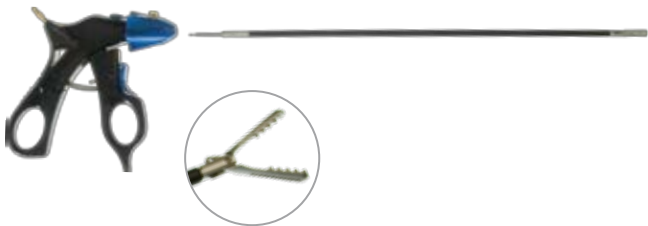
### **TELEFLEX MEDICAL LAPAROSCOPIC INSTRUMENTS – FOR AN EXCELLENT PERFORMANCE**

These laparoscopic instruments stand for comfort of use and economy. A reusable ergonomic handle in combination with interchangeable single-use scissors and reusable or single-use inserts can guarantee ease and speed of assembly, and greatly reduce the risk of infection. Our instruments are precision-made from finest surgical steel and medical-grade polymers and are extremely reliable, even during long procedures. They can be used for any kind of laparoscopic surgery and are available in a choice of different scissors and reusable or single-use inserts and a variety of working lengths.



**SINGLE-USE SCISSORS**

REF. NO.	DESCRIPTION	QUANTITY
404-7010	Single-use Scissor (320mm)	10/box



**SINGLE-USE INSERTS**

REF. NO.	DESCRIPTION	QUANTITY
404-7710	320 mm Clinch	10/box
404-7810	320 mm Grasper	10/box
404-7910	320 mm Dissector	10/box

**REUSABLE INSERTS**

REF. NO.	DESCRIPTION	QUANTITY
404-7120	Short Fenestrated Grasper	1/box
404-7121	Long Fenestrated Grasper	1/box
404-7122	Curved Dissector	1/box
404-7126	Maxi Grasper	1/box
404-7134	Single Action Grasper	1/box



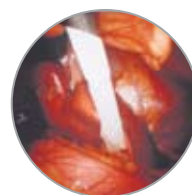
**HANDLES**

REF. NO.	DESCRIPTION	QUANTITY
404-2000	Ratchet Handle	1/box
404-2001	Non-ratchet Handle	1/box

## MEMOBAG – A BAG WITH A MEMORY

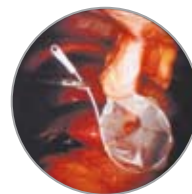
The intelligent extraction bag for simple and safe minimally invasive resection of specimens, offers safety for surgeon and patient alike.

Immediately after introduction of the rolled-up MemoBag through a 10 mm trocar, a nitinol wire with memory effect at the extraction bag's upper rim springs back into its original round shape and holds the bag open, leaving the trocar free for use with other instruments. Large specimens can be cut into smaller pieces inside the transparent and impermeable bag without any risk of contamination or spreading of malignant cells. The MemoBag is then simply closed and removed.



### INTRODUCTION

The MemoBag is introduced through the trocar into the operating field.



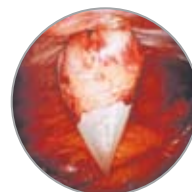
### OPENING

After release the bag opens automatically and can be easily grasped with a forceps at the end of the nitinol wire.



### RESECTION

Thanks to the MemoBags large opening the specimen can be easily placed inside the bag.

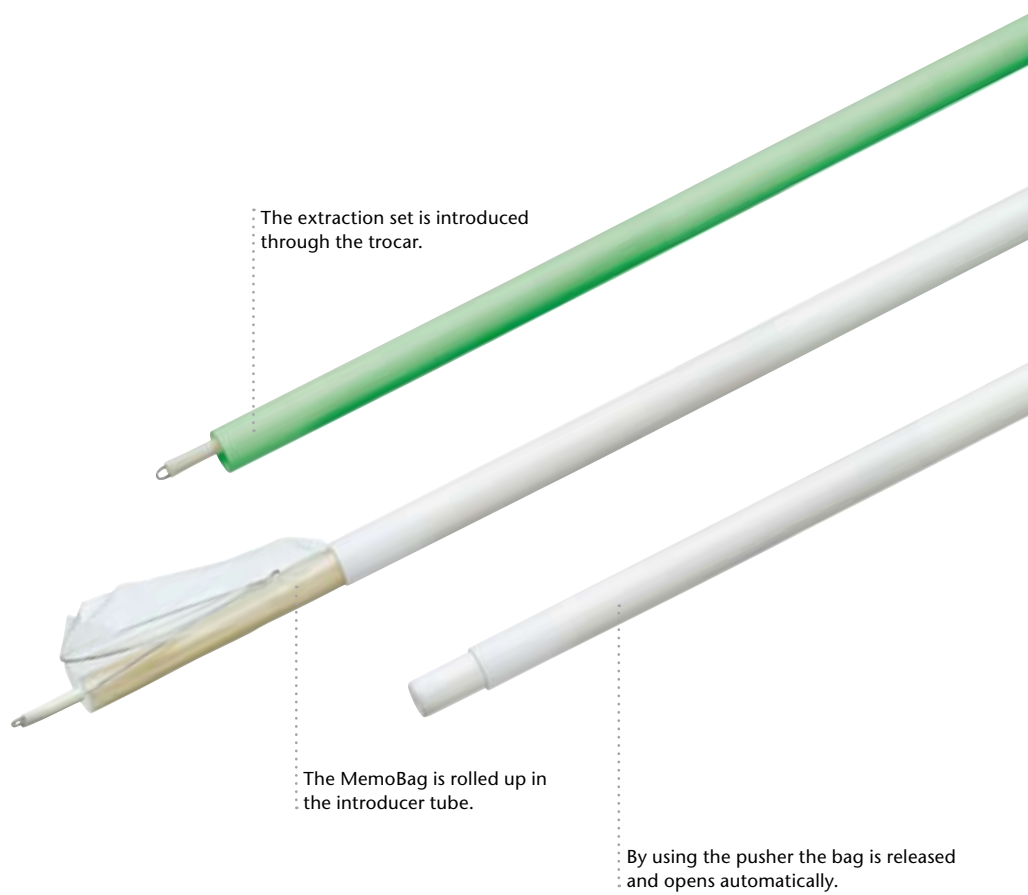


### REMOVAL

The tissue can be cut into smaller pieces if necessary and then safely removed.



## LAPAROSCOPIC MANIPULATION



## ENDOSCOPIC SURGICAL INDICATIONS

- Colon Surgery
- Cystectomy
- Appendectomy
- Cholecystectomy
- Myomectomy
- Ovarian cystectomy
- Lymphadenectomy
- Tubal pregnancy
- Thorax surgery
- Nephrectomy
- Hysterectomy
- Myomectomy
- Prostatectomy
- Splenectomy

### MEMO BAG

**RUSCH**

REF. NO.	DESCRIPTION	QUANTITY
332800-000010	Memo Bag Extraction Bag 200 ml (white) for 10 mm trocars	5/box
332801-000020	Memo Bag Extraction Bag 800 ml (green) for 10 mm trocars	5/box
332800-000030	Memo Bag Extraction Bag 1200 ml for 10 mm trocars	5/box

### KEY FEATURES

- Markedly reduced risk of contamination
- Easy to introduce, to hold and to close
- No need for additional trocars
- Safety and comfort due to transparent, impermeable and tearproof bag
- Can be reliably opened and closed several times
- Colour code for size differentiation



### KEY FEATURES TAUT CHOLANGIO CATHETER

Memory:  
to customize and curve the catheter near the tip and to steer it more parallel to the cystic duct




Patented metal support tube:  
to maximize clip pressure without occluding the catheter and to facilitate introduction into the cystic duct

## CHOLANGIO CATHETERS – EFFICIENT AND PRECISE

Intraoperative cholangiography, a time-consuming trial of patience? Not any more. Use one of our guided precision instruments and reach your destination much faster!

### TAUT INTRODUCERS

for the most advantageous placement of the catheter

TAUT INTRODUCERS		TAUT
REF. NO.	DESCRIPTION	QUANTITY
PI-128	3.3 mm introducer	10/box
		
PI-93	2.4 mm introducer	10/box
		
PI-63	1.6 mm introducer	10/box
		

### TAUT CHOLANGIO CATHETERS

Taut is the pioneer who invented the original cholangio catheter which has become any surgeon's first choice for intraoperative cholangiography. Ref. 18305 and 18400 can be used with Hem-o-lok thus saving time and costs.

TAUT CHOLANGIO CATHETERS		TAUT
REF. NO.	DESCRIPTION	QUANTITY
TA18305	Taut compatible with Hemolok ML	10/box
TA18400	Taut compatible with Hemolok ML	10/box
20018-M55	4,5 Fr, length 46 cm	10/box
20018-M56	5,5 Fr, length 46 cm	10/box
20018-M57	6,5 Fr, length 46 cm	10/box
20018-010	7,5 Fr, length 46 cm	10/box

ARROW CHOLANGIO CATHETERS

The Arrow balloon cholangiography catheter sets are designed to provide reliable catheter placement and save time when performing cholangiograms.

Choose from either the Introducer Version, designed to be used with an existing abdominal port, or the Percutaneous Version which can be inserted directly through the abdomen.



ARROW CHOLANGIO CATHETERS		ARROW
REF. NO.	DESCRIPTION	QUANTITY
CS-01700	Arrow-Karlan™ introducer laparoscopic cholangiography set with Karlan™ balloon catheter	5/box



ARROW CHOLANGIO CATHETERS		ARROW
REF. NO.	DESCRIPTION	QUANTITY
CS-01701	Arrow percutaneous laparoscopic cholangiography set with Karlan™ balloon catheter	5/box

HEM-O-LOK CLINICAL  
APPLICATIONS

GENERAL SURGERY

- Right, left and middle colectomy
- Anterior colo-rectal resection
- Appendectomy
- Cholecystectomy
- Gastectomy
- Nissen fundoplication
- Splenectomy

UROLOGY

- Prostatectomy
- Nephrectomy
- Adrenalectomy

GYNECOLOGY

- Hysterectomy

## LAPAROSCOPIC LIGATION

Teleflex Medical is a leading manufacturer of metal and polymer clips



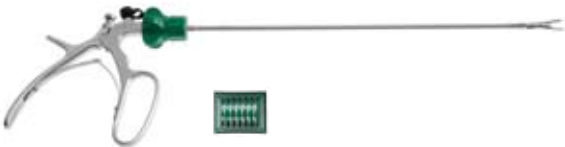
Our Hem-o-lok ligation system combines speed with security, and ligates vessels and/or tissues from 3 to 16 mm with 3 sizes of clips, and with 5 and 10 mm clip applicators. A lightweight 360° rotation knob facilitates access and improves visibility. Closure is confirmed by tactile and audible feedback. Unlike absorbable clips, the Hem-o-lok can be removed. It is non-conductive and compatible for CT as well as MRI. The clip is inert, non-toxic and radiolucent.





### HEM-O-LOK TAKE-APART APPLIERS

Our reusable and detachable appliers provide for easy cleaning and eliminate potential contamination. They are colour-coded to match the cartridges. An adhesive backing keeps the cartridge in place.



HEM-O-LOK ML		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK544965T	Hem-o-lok Applier ML working length 33 cm, ø 5 mm	1 unit
WK544230	Hem-o-lok Clips ML 14 cartridges x 6 clips	84/box



HEM-O-LOK L		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK544995T	Hem-o-lok Applier L working length 33 cm, ø 10 mm	1 unit
WK544995T20	Hem-o-lok Applier L, jaws 20° working length 33 cm, ø 10 mm	1 unit
WK544240	Hem-o-lok Clips L 14 cartridges x 6 clips	84/box



HEM-O-LOK XL		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK544990T	Hem-o-lok Applier XL working length 33 cm, ø 10 mm	1 unit
WK544250	Hem-o-lok Clips XL 14 cartridges x 6 clips	84/box





**HEM-O-LOK 5MM AUTOMATIC**

This fully disposable 5 mm diameter automatic applier ligates up to 10 mm vessels or tissues. It holds 15 medium-large Hem-o-lok clips delivered through a 5 mm port. A flexible clip hinge reduces clip fallout conceivably, thus saving time and costs. All other features as with Hem-o-lok on page 14.

HEM-O-LOK ENDO 5		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK543965	5 mm automatic Hem-o-lok Applier (disposable)	3/box



**HEM-O-LOK REMOVERS**

The uniqueness of the system lies in its ability to remove the polymer Hem-o-lok clips. To this effect we supply two different sizes of removers.

HEM-O-LOK REMOVERS		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK544130T	Hem-o-lok Remover for L - XL	1 unit
WK544121T	Hem-o-lok Remover for ML	1 unit

**HORIZON LIGATION SYSTEM –  
EFFORTLESS LOADING**

Teleflex Medical has a record of ligation history and experience of more than 40 years. The result is a cost saving ligation system with an incredibly easy loading system for more efficiency in surgery.

A unique heart-shaped wire provides better grip and a clip design with transverse grooves resists scissoring. The reusable clip appliers save costs. They can be detached for easy cleaning and to eliminate potential contamination. They come with a 360° rotation knob for better access and improved visibility.

Cartridges and appliers are colour-coded to match each other. An adhesive backing keeps the cartridges in place.



HORIZON LIGATION SYSTEM		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK238110T	Horizon Applier TAP M	1 unit
HZ2200	Horizon Clips M 30 cartridges x 6 clips	180/box
WK338110T	Horizon Applier TAP ML	1 unit
HZ 3200	Horizon Clips ML 20 cartridges x 6 clips	120/box
HZ438110	Horizon Applier NON TAP L	1 unit
HZ 4200	Horizon Clips L 20 cartridges x 6 clips	120/box

## LAPAROSCOPIC CLOSURE

### **VISISTAT SKIN STAPLER – STRENGTH AND CONTROL**

Each disposable Visistat skin stapler is loaded with 35 regular or wide medical grade stainless steel staplers and is applicable in a wide range of surgical procedures. It comes in sterile packaging, 6 per box.

#### **KEY FEATURES**

- Easy tissue penetration
- See-through window for better visibility
- Pre-cock function for exact staple positioning
- Sharper staples for less tissue trauma
- Tall staples for easier and less painful removal
- Patented non-stop feed action for easy release and less jamming
- 3 different removers





VISISTAT SKIN STAPLER 35W		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK528235	Visistat Skin Stapler 35W (wide)	6/box



VISISTAT SKIN STAPLER 35R		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK528135	Visistat Skin Stapler 35R (regular)	6/box



REMOVER		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK525960	Remover, stainless steel	36/box



REMOVER		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK525970	Remover, plastic, brown	6/box



REMOVER		WECK
REF. NO.	DESCRIPTION	QUANTITY
WK525980	Remover, plastic, white	12/box

---

ARROW

---

RÜSCH

---

 HUDSON RCI

---

 Gibeck

---

RÜSCH CARE

---

MEDICAL  SERVICE

---

WECK

---

Pilling

---

PLEUR-EVAC

---

 DEKNATEL

---

TAUT

---

KMedic

---

Teleflex serves a wide variety of customers around the world by designing, manufacturing, and distributing specialty-engineered products. Distinguished by a significant presence in healthcare, Teleflex also serves the aerospace and industrial markets with businesses that have significant market position and brand recognition.

Teleflex Medical is a global leader in disposable medical products for critical care and surgical applications and a business segment of Teleflex Incorporated (NYSE: TFX). The company also produces surgical instruments and devices, cardiac devices and other specialty products for device manufacturers. The Teleflex Medical family of brands includes the trusted names of Arrow®, Beere®, Deknatel®, Gibeck®, HudsonRCI®, KMedic®, Pilling®, Pleur-Evac®, Rüsch®, Sheridan®, SMD, SSI™, Taut™, TFX Medical OEM and Weck®.

[www.teleflex.com](http://www.teleflex.com)

**TELEFLEX MEDICAL HEADQUARTER EUROPE, IRELAND**

TELEFLEX MEDICAL EUROPE LTD., IDA Business Park, Athlone, Co Westmeath  
Phone +353 (0)9 06 46 08 00, Fax +353 (0)14 37 07 73, [orders.intl@teleflexmedical.com](mailto:orders.intl@teleflexmedical.com)

**AUSTRIA** RÜSCH AUSTRIA Gesellschaft m.b.H., 1090 Wien  
Phone +43 (0)1 402 47 72, Fax +43 (0)1 402 47 72 77, [ruesch.austria@teleflexmedical.com](mailto:ruesch.austria@teleflexmedical.com)

**BELGIUM** TELEFLEX MEDICAL, 1932 Sint-Stevens-Woluwe  
Phone +32 (0)2 333 24 60, Fax +32 (0)2 332 27 40, [info.be@teleflexmedical.com](mailto:info.be@teleflexmedical.com)

**CANADA** TELEFLEX MEDICAL LP, Markham, Ontario L3R 3K7  
Phone +1 (0)905 943 9000, Fax +1 (0)905 943 9001

**CZECH REPUBLIC** ARROW CZECH, Hradec Kralove 500 04  
Phone +420 (0)495 759 111, Fax +420 (0)495 759 222

**FRANCE** TELEFLEX MEDICAL SAS, 31460 Le Faget, Phone +33 (0)5 62 18 79 40  
Fax +33 (0)5 61 83 35 84, [info.teleflexmedical.france@teleflexmedical.com](mailto:info.teleflexmedical.france@teleflexmedical.com)

**GERMANY** TELEFLEX MEDICAL GmbH, 71394 Kernen  
Phone +49 (0)7151 406 0, Fax +49 (0)7151 406 150, [info.de@teleflexmedical.com](mailto:info.de@teleflexmedical.com)

**GREECE** TELEFLEX MEDICAL HELLAS S.A., Halandri, 152 31 Athens  
Phone +30 210 67 77 717, Fax +30 210 67 77 911, [info.gr@teleflexmedical.com](mailto:info.gr@teleflexmedical.com)

**HUNGARY** ARROW HUNGARY, 1054 Budapest  
Phone +36 (0)1 475 13 60, Fax +36 (0)1 475 11 11

**INDIA** TELEFLEX MEDICAL Pvt. Ltd., Chetpet, Chennai - 600 031  
Phone +91 (0)44 2836 5040/-41, Fax +91 (0)44 2836 0682, [mktg@teleflex-ind.com](mailto:mktg@teleflex-ind.com)

**ITALY** TELEFLEX MEDICAL S. r. l., 20039 Varedo (MI)  
Phone +39 0362 58911, Fax +39 0362 5891 888, [info.it@teleflexmedical.com](mailto:info.it@teleflexmedical.com)

**JAPAN** ARROW JAPAN, LTD./ TELEFLEX MEDICAL, Nakano-ku, Tokyo 164-8721  
Phone +81 (0)3 3379 1511, Fax +81 (0)3 3379 1751

**NETHERLANDS** TELEFLEX MEDICAL B.V., 1213 PE Hilversum  
Phone +31 (0) 88-002 15 00, Fax +31 (0) 88-002 15 10, [info.nl@teleflexmedical.com](mailto:info.nl@teleflexmedical.com)

**PORTUGAL** ARROW IBÉRIA, S.A., Rua Diamantina, 5, 4350-145 Porto  
Phone +351 22 541 90 85, Fax +351 22 548 04 55

**SINGAPORE** PILLING WECK (ASIA) PTE. LTD., Lavender Place, Singapore 338750  
Phone +65 (0)6294 1019, Fax +65 (0)6299 6132

**SLOVAK REPUBLIC** ARROW SLOVENSKO PIESTANY s.r.o., 92101 Piestany  
Phone +421 (0)3377 254 28, Fax +421 (0)3377 254 28, [arrow@arrow.sk](mailto:arrow@arrow.sk)

**SOUTH AFRICA** ARROW AFRICA (Pty) Ltd., P.O. Box 1716, Kelvin 2054  
Phone +27 (0)11 807 4887, Fax +27 (0)11 807 4994, [assist.africa@teleflexmedical.com](mailto:assist.africa@teleflexmedical.com)

**SPAIN** TELEFLEX MEDICAL IBERIA, S.A., 28806 Alcalá de Henares (Madrid)  
Phone +34 (0)918 300 451, Fax +34 (0)918 300 369, [info.es@teleflexmedical.com](mailto:info.es@teleflexmedical.com)

**SWITZERLAND** TELEFLEX MEDICAL AG, 3123 Belp  
Phone +41 (0)31 818 40 90, Fax +41 (0)31 818 40 93, [switzerland@teleflexmedical.com](mailto:switzerland@teleflexmedical.com)

**UNITED KINGDOM** TELEFLEX MEDICAL, High Wycombe, Bucks. HP12 3ST  
Phone +44 (0)1494 53 27 61, Fax +44 (0)1494 52 46 50, [info.uk@teleflexmedical.com](mailto:info.uk@teleflexmedical.com)

**USA** TELEFLEX MEDICAL, Durham, NC 27709  
Phone +1 (800) 234 9325, Fax +1 (800) 932 5329, [csrusch@teleflexmedical.com](mailto:csrusch@teleflexmedical.com)