

TONTARRA

ENDOSCOPY



FLEXIBLE ENDOSCOPES

Flexible Fiberscopes for Urology

FLEXIBLE URETERO-RENSCOPE



FLEXIBLE CYSTOSCOPE



For more information
please see our
Urology e-Catalog



<https://qrco.de/uro-cat>



BRILLIANT IMAGE QUALITY

High-quality components „made in Germany“
High depth of field and homogeneous illumination



RESISTANT SHAFT AND GUIDING PART

Extended lifetime due to innovative and robust
material and mechanical construction method



SLIGHTLY OFFSET DEFLECTION TIP

Helps avoiding damages of the sheath when
using a laser fiber.



FOCUSABLE

Optimal image setting through the ergonomic
focusing ring



UNIVERSAL LIGHT GUIDE / CABLE CONNECTION

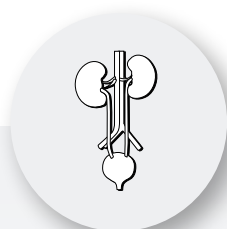
Compatible with adapters from different
manufacturers



STERILIZABLE

with EtO-Gas and Steris®

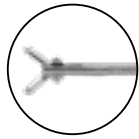
MADE IN GERMANY



FLEXIBLE URETERO-RENOSCOPE

Distal end	Ø 2.5 mm / Ø 7.5 Fr.
Insertion Tube	Ø 2.8 mm / Ø 8.4 Fr.
Working channel	Ø 1.2 mm
Function length	680 mm
Field of view	88°
Tip angulation up/down	275° / 275°
Art.No.	EMTO/FURS-2812R

Original Manufacturer Product of EMOS



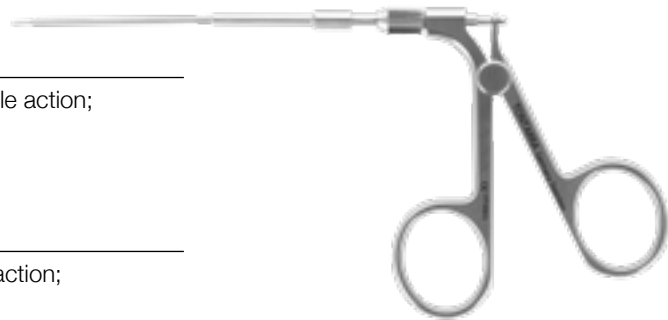
583-610-10

Biopsy forceps; oval; flexible; double action;
Ø 1.0 mm; 3 Fr.; 1000 mm



583-670-10

Grasping forceps; flexible; double action;
Ø 1.0 mm; 3 Fr.; 1000 mm



087-940-07

Bridge with LUER-connector; 2 stopcocks



499-198-00

Sealing cap; for working channels; with special
water stop valve; 3-10 Fr. instruments; sterile



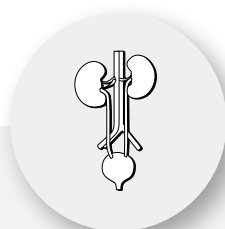
PK-1SWPK0000100

Handle for baskets



PK-1NSPK1015120K

Retrieval basket, nitinol, spiral; loop: 15 x 30 mm,
4 wires; Ø: 1,0 mm, 120 cm



FLEXIBLE CYSTOSCOPE

Insertion Tube	Ø 5.5 mm
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Working channel	Ø 2.3 mm
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Function length	380 mm
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Field of view	100°
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Angulation up/down	210° / 120°
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Art.No.	EMTO/FCS-5523R
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- Available with or without suction valve
(Please specify with order)

Original Manufacturer Product of EMOS



583-570-16

Grasping forceps; small stone fragments; flexible; single action; Ø 1.6 mm; 5 Fr.; 730 mm



583-510-16

Biopsy forceps; flexible; single action; Ø 1.6 mm; 5 Fr.; 730 mm



087-940-07

Bridge with LUER-connector; 2 stopcocks



499-198-00

Sealing cap; for working channels; with special water stop valve; 3-10 Fr. instruments; sterile



582-610-02

Handle for stone extractor Dormia; for 3 Fr. + 5F r. stone extractors



582-610-03

Stone extractor Dormia; **3 Fr.**; with 4 wires; 900 mm; with tube; without handle

582-610-05

Stone extractor Dormia; **5 Fr.**; with 4 wires; 900 mm; with tube; without handle



582-510-03L

Button Electrode; **3 Fr.**; flexible; monopolar; non-sterile; length: 67 cm

582-510-05L

Button Electrode; **5 Fr.**; flexible; monopolar; non-sterile; length: 67 cm



582-511-03L

Needle electrode; **3 Fr.**; flexible; monopolar; non-sterile; length: 67 cm

582-511-05L

Needle electrode; **5 Fr.**; flexible; monopolar; non-sterile; length: 67 cm



582-514-05L

Loop electrode; **5 Fr.**; flexible; monopolar; non-sterile; length: 67 cm

HF Connection Cables

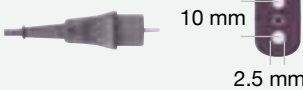
monopolar

Available for following units:

		Erbe / ICC / ACC / Storz; Ø 5.0 mm; 3.0 m	582-531-02
		Valleylab; Conmed; Bowa Ø 8.0 mm; 3.0 m	582-532-03
		TONTARRA mod. PWT-400; Equipment with banana plug; Ø 4.0 mm; 3.0 m	582-533-04

HF Connection Cables
for Neutral Electrodes

Available for following units:

	 Ø 6.3 mm	TONTARRA mod. PWT-400; Erbe ACC/ICC/VIO; Martin; 5m	289-025-45
	 10 mm 2.5 mm	BOWA; Conmed; Valleylab 5m	289-030-45



289-010-10

Single-use neutral electrode; for adults and children;
split; Acond*= 110 cm²; 1 PU= 100 pieces



289-010-05

Single-use neutral electrode; for adults and children;
non-split; Acond*= 110 cm²; 1 PU= 100 pieces

► Light Guide Cables (for LED) and Connectors

TONTARRA High Performance Line (HP) is specially designed for use with **LED light sources**. Latest fiber technology provides an improved transmission rate, resulting in more light output.



Connectors

Projector-Side



540-890-02

Storz/Aesculap



540-890-10

Storz/Aesculap



540-890-14

Olympus new (switch)



540-890-04

Wolf



540-890-01

ACMI/British/Codman

Light Guide Cables

optimized for **LED**

540-822-18 Ø 2.5 mm, 1800 mm

540-822-23 Ø 2.5 mm, 2300 mm

540-822-30 Ø 2.5 mm, 3000 mm

540-822-50 Ø 2.5 mm, 5000 mm

540-823-18 Ø 3.5 mm, 1800 mm

540-823-23 Ø 3.5 mm, 2300 mm

540-823-30 Ø 3.5 mm, 3000 mm

540-823-50 Ø 3.5 mm, 5000 mm

540-824-18 Ø 4.9 mm, 1800 mm

540-824-23 Ø 4.9 mm, 2300 mm

540-824-30 Ø 4.9 mm, 3000 mm

540-824-50 Ø 4.9 mm, 5000 mm

Connectors

Endoscope-Side



540-880-02

TONTARRA/Storz/
Aesculap/Olympus (old)



540-880-04

Olympus new



540-880-13

Wolf/HSW/Dyonics snap



540-880-01

ACMI/British/Codman

► Light Guide Cables (for LED) and Connectors

TONTARRA light guide cables come as standard in grey coloring. For ordering different colors, please add the corresponding code behind the article number:: LL (Lilac); YW (Yellow); GN (Green).



Recommended Combination: Light Cable with Endoscope

Light Cable Diameter	Endoscope Diameter
4.8 - 5.0 mm	6.5 - 12.0 mm
3.0 - 3.5 mm	3.0 - 6.5 mm
2.0 - 2.5 mm	0.8 - 2.9 mm

Please note: The high light concentration at the end of the light cable causes heat to be generated in the focal point. The end of the light cable should never be placed on the patient's drape or skin as long as the cold light fountain is turned on as the light intensity may cause burns to the patient or set the drape on fire. The diameter indicated refers to the diameter of the fiber optics.

► Light Guide Cables (for XENON)

TONTARRA High Temperature Technology Line (HTT) is specially designed for use with **XENON light sources**. Compared to our Standard Line the HTT-Line has an higher transmission rate of approx. 20% due to the adhesive-free light entry area. This is related to the fact the our HTT-Line is made of fiber optic cables which are not fixed with glue but with a specially designed procedure using high pressure and heat.



Light Guide Cables (without connectors)

optimized for **XENON**

540-812-18	Ø 2.5 mm, 1800 mm
540-812-23	Ø 2.5 mm, 2300 mm
540-812-30	Ø 2.5 mm, 3000 mm
540-812-50	Ø 2.5 mm, 5000 mm
540-813-18	Ø 3.5 mm, 1800 mm
540-813-23	Ø 3.5 mm, 2300 mm
540-813-30	Ø 3.5 mm, 3000 mm
540-813-50	Ø 3.5 mm, 5000 mm
540-815-18	Ø 4.9 mm, 1800 mm
540-815-23	Ø 4.9 mm, 2300 mm
540-815-30	Ø 4.9 mm, 3000 mm
540-815-50	Ø 4.9 mm, 5000 mm



TONTARRA HP light guide cables come as standard in grey coloring. If you would like to have a different cable color, please add the correct coding behind the part number: LL (Lilac); YW (Yellow); GN (Green)

► Light Guide Cables (for HALOGEN)

TONTARRA Standard Light Cables are specially designed for use with **HALOGEN light sources**. The Standard Line is specially for customers who are looking for a bendable good quality light cable which is not too expensive. Nevertheless, due to its manufacturing process the Standard-Line is only recommended to use with HALOGEN light sources. Using XENON or LED light sources with high energy output will destroy the light fibres of the Standard Light Cable which leads to a significantly reduced life-time.



Light Guide Cables (without connectors)

optimized for **HALOGEN**

540-802-18	Ø 2.5 mm, 1800 mm
540-802-23	Ø 2.5 mm, 2300 mm
540-802-30	Ø 2.5 mm, 3000 mm
540-802-50	Ø 2.5 mm, 5000 mm
540-803-18	Ø 3.5 mm, 1800 mm
540-803-23	Ø 3.5 mm, 2300 mm
540-803-30	Ø 3.5 mm, 3000 mm
540-803-50	Ø 3.5 mm, 5000 mm
540-805-18	Ø 4.9 mm, 1800 mm
540-805-23	Ø 4.9 mm, 2300 mm
540-805-30	Ø 4.9 mm, 3000 mm
540-805-50	Ø 4.9 mm, 5000 mm



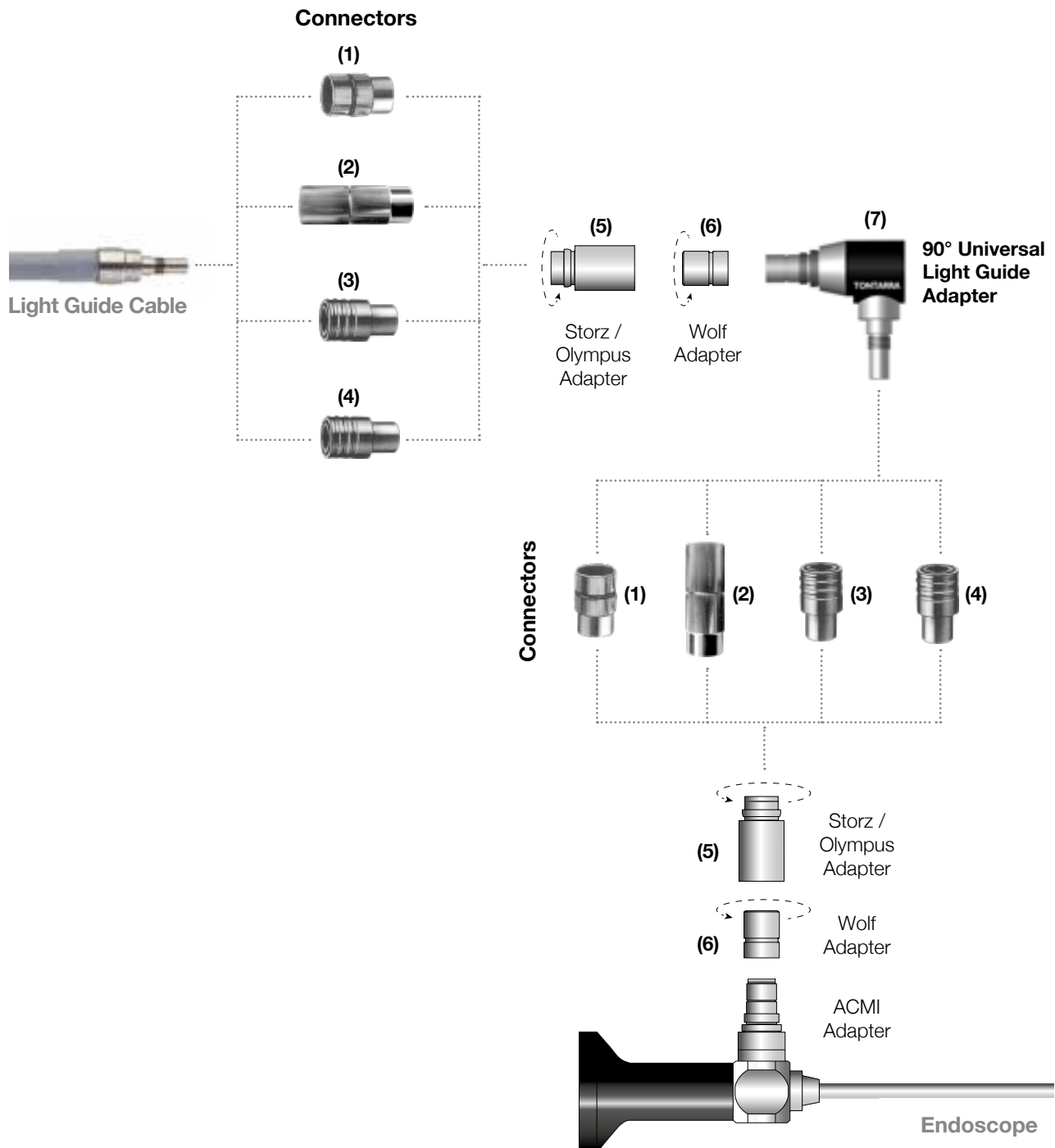
TONTARRA HP light guide cables come as standard in grey coloring. If you would like to have a different cable color, please add the correct coding behind the part number: LL (Lilac); YW (Yellow); GN (Green)

► Light Guide Connectors and Adapters

The **90° Universal Light Adapter** is the needed accessory in nearly every surgery. The adapter helps to keep the light cable out of the working field as well as prevents too intense bending of the light cable during the intervention.

Since it is freely rotatable the light cable will not accidentally be disconnected from the telescope while rotating the light cable or entire scope for new positioning.

This universal light adapter can be used with all kinds of endoscopes. Also, the connection to the light guide is versatile and fits most common light cable connectors.



LIGHT GUIDE CONNECTORS

(1)	540-880-02	Connector TONTARRA / Storz / Aesculap / Olympus (old)
(2)	540-880-04	Connector Olympus new
(3)	540-880-13	Connector Wolf/HSW/Dyonics snap
(4)	540-880-01	Connector ACMI / British / Codman

LIGHT GUIDE ADAPTERS

(5)	601-900-00	Adapter Storz / Olympus
(6)	601-900-10	Adapter Wolf

UNIVERSAL ADAPTER

(7)	601-900-15	Universal Adapter, 90° angled
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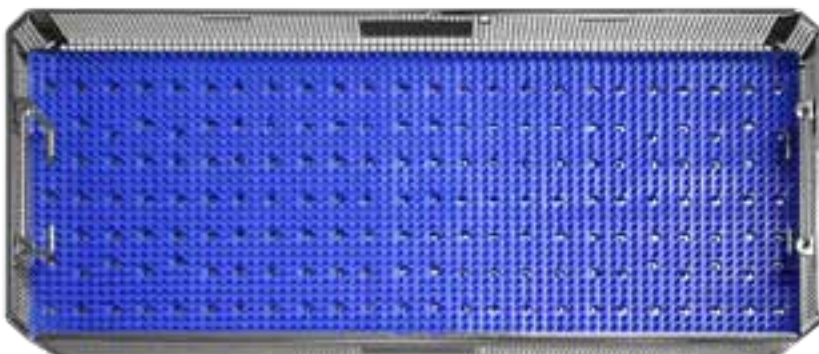
260-605-18Y

Pre-configured wire basket; 665 x 253 x 80 mm
for Flexible Uretero-Renoscope
for XXL Container



260-605-17Y

Pre-configured wire basket; 485 x 253 x 80 mm
for Flexible Cystoscope
for 1/1 Container



260-605-32Y

Pre-configured wire basket; 540 x 253 x 40 mm
for instruments
for 1/1 Container



EMTO/CJ-EDB-120-03

Cleaning brush for flexible bronchoscopes and cystoscopes; 1 Box = 250 pcs.

EMTO/CJ-EDB-100-02

Cleaning brush for flexible ureterorenoscopes
1 Box = 50 pcs.



EMTO/200.00040.02

Leakage tester complete with EMOS adapter and silicone tube

(EMTO) Original Manufacturer Products of EMOS

TONTARRA Medizintechnik GmbH is certified in accordance with the European Medical Device Regulation (EU) 2017/745 and complies with the requirements of the Medical Device Single Audit Program (MDSAP).

This certification affirms our commitment to quality and safety standards in the design, manufacturing and distribution of our medical devices. As a result, we are authorized to affix the CE mark to our products within the scope outlined in our certificates, which can be accessed on our official website. This achievement reflects our dedication to delivering high-quality, compliant medical devices to our customers and underscores our adherence to the rigorous standards set forth by regulatory authorities.

Sales and availability of products are limited to registrations in the corresponding markets.

Original Manufacturers' reference numbers correspond to the references indicated in this catalog, eliminating the prefix letters (e.g. EMTO/FCS-5523R = original reference: FCS-5523R).

The products listed in this catalog may only be used by trained healthcare professionals, evaluating the proper application in each patient case.

This content does not replace the instruction for use of the product.

Indications, contraindications and warnings are specified in the corresponding instructions for use.



The current digital e-catalogues
can be found on our website:
<https://tontarra.de/en/products/e-catalogues>

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