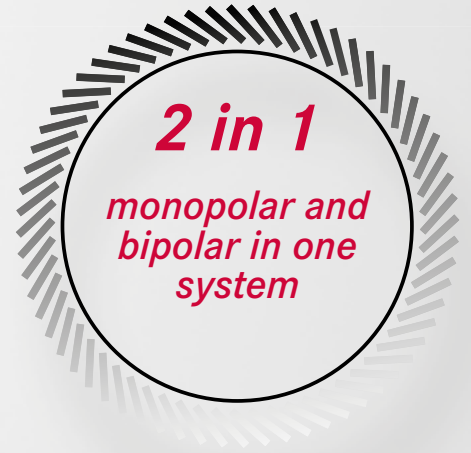




HYBRID

RESEKTOSKOP SYSTEM

RESECTOSCOPE SYSTEM



HYBRID RESEKTOSKOP SYSTEM

HYBRID RESECTOSCOPE SYSTEM

Das TEKNO Hybrid Resektoskop vereint die monopolare und bipolare Anwendung in einem System. Dadurch ergibt sich eine signifikante Kostenersparnis, da statt zwei Systemen nur eins vorgehalten werden muss. Während der Anwendung kann einfach zwischen bipolar und monopolar gewechselt werden, wobei lediglich das Kabel und die Lösung ausgetauscht werden müssen.

Die Systeme gibt es in den Größen 18,5, 22 und 26 Charr. Die passenden aktiven oder passiven Arbeitselemente können mit einer Vielzahl an Elektroden kombiniert werden, die den höchsten Sicherheitsanforderungen entsprechen.

Das zum Patent angemeldete TEKNO Hybrid System besticht durch hervorragende Schnittqualität bei maximaler Sicherheit.

Weitere Vorteile des TEKNO Hybrid Systems:

- Speziell isolierte Schäfte garantieren einzigartige Sicherheit für Patient und Anwender (monopolar und bipolar)
- Die hohe Effizienz garantiert extrem feine Schnitte und eine präzise Koagulation (hybrid)
- Bessere visuelle Orientierung, da sich selbst im bipolaren Modus die Neutralelektrode auch im bipolaren Modus nicht im Sichtfeld befindet (bipolar)
- Effektive Entfernung abgetragenen Gewebes, da die Neutralelektrode außerhalb des Arbeitsbereiches liegt (bipolar)
- Das TEKNO System verfügt über ein breites Angebot verschiedener Elektroden

The TEKNO hybrid resectoscope combines the monopolar and bipolar application in one system. This results in a significant cost reduction, because only one system is needed instead of two. During the application the two systems can be exchanged easily by changing only the cable and the solution.

The systems are available in the sizes 18,5, 22 und 26 Charr.

The corresponding active or passive working elements can be combined with a variety of different electrodes, which meet the highest safety requirements.

The TEKNO hybrid system (patent pending) impresses by its outstanding cutting quality and maximum safety.

Further advantages of the TEKNO hybrid system:

- *Especially isolated sheaths guarantee the safety for the patient and user (monopolar and bipolar)*
- *The high efficiency guarantees extremely fine cuts and precise coagulation (hybrid)*
- *Better visual orientation than with competitor's products, as the neutral electrode is placed outside the field of vision (even in the bipolar mode)*
- *Effective removal of cut off tissue as the neutral electrode is situated outside of the working area. (also in bipolar mode)*
- *The TEKNO system offers a wide range of different electrodes*

HYBRID RESEKTOSKOP SYSTEM

HYBRID RESECTOSCOPE SYSTEM

HYBRIDTK



HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.



Hybrid Elektroden
Hybrid Electrodes

tk 797-350 – 797-358
tk 797-370 – 797-388



Monopolar Elektroden
Monopolar Electrodes

tk 791-359



tk 797-330
tk 797-335



tk 797-330I
tk 797-335I



tk 797-320
tk 797-328



tk 797-320I
tk 797-328I



tk 797-323



tk 797-325

Permanente Spülung
Continuous flow

Irrigation permanente
Irrigación continua
Flusso continuo

HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.

HYBRIDTK

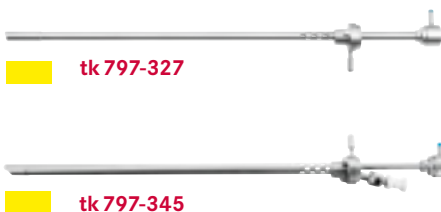
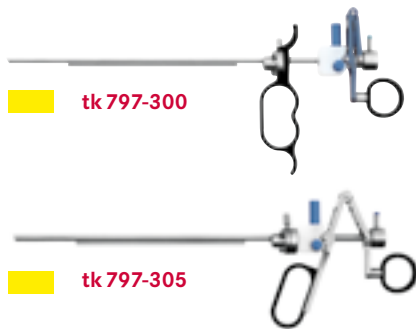
BIPOLARTK



MONOPOLARTK



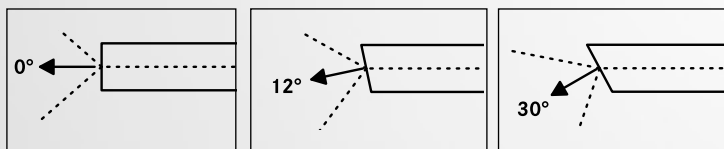
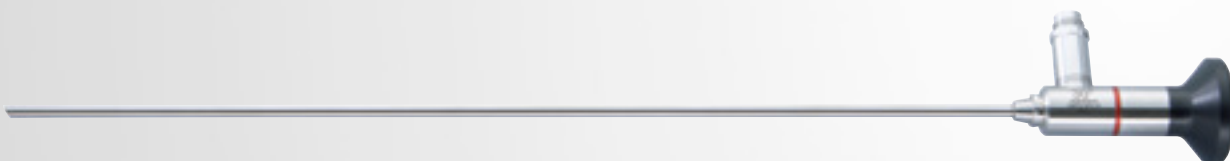
tk 90013-00 – 90013-03



HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.

HYBRIDTK



Ø 4.0 mm - 302 mm	tk 700-074	tk 700-075	tk 700-078
Ø 4.0 mm - 302 mm	tk 700-074SF	tk 700-075SF	tk 700-078SF

Arbeitslänge

Working length

SF = Tekno-Flex



24 Charr.	tk 797-300
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Arbeitselement, passiv schneidend

Working element, passive cutting



24 Charr.	tk 797-305
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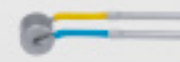
Arbeitselement, aktiv schneidend

Working element, active cutting

HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.

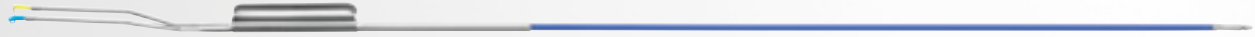


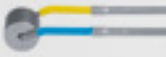
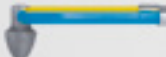
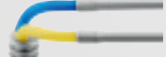
	24 Charr.		
	Schlingenelektrode, gerade, Prostata/Urethra <i>Loop electrode, straight, Prostate/Urethra</i>	tk 797-351	0° / 12° 0° / 30°
	Schlingenelektrode, 30°, fein <i>Loop electrode, 30°, thin</i>	tk 797-352	30° 0°/30°
	Schlingenelektrode, 30°, PI-Cut, extra langlebig <i>Loop electrode, 30°, PI-Cut, extra durable</i>	tk 797-374	30° 0°/30°
	Schlingenelektrode, 90°, fein <i>Loop electrode, 90°, thin</i>	tk 797-353	0° / 12° 0°
	Messerelektrode, gewinkelt 90° <i>Knife electrode, angled 90°</i>	tk 797-350	0°/ 12°/30° 0° / 30°
	Kugelelektrode, Ø 3 mm <i>Ball electrode, Ø 3 mm</i>	tk 797-355	0°/ 12°/30° 0° / 30°
	Kugelelektrode, Ø 5 mm <i>Ball electrode, Ø 5 mm</i>	tk 797-358	0°/ 12°/30° 0° / 30°
	Rollenelektrode, glatt, Ø 3 mm <i>Roller electrode, smooth, Ø 3 mm</i>	tk 797-356	0°/ 12°/30° 0° / 30°
	Rollenelektrode, glatt, Ø 5 mm <i>Roller electrode, smooth, Ø 5 mm</i>	tk 797-388	0°/ 12°/30° 0° / 30°
Packung à 6 Stck. <i>Box of 6 pcs</i>		für Optiken <i>for scopes</i>	für Schäfte <i>for sheaths</i>

HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.

HYBRIDTK



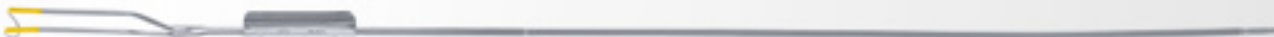
	24 Charr.		
			
 Vaporisationselektrode, gerieft, Ø 3 mm <i>Vaporization electrode, serrated, Ø 3 mm</i>	tk 797-354	0°/ 12°/30°	0° / 30°
 Vaporisationselektrode, gerieft, Ø 5 mm <i>Vaporization electrode, serrated, Ø 5 mm</i>	tk 797-385	0°/ 12°/30°	0° / 30°
 Kegelelektrode <i>Cone electrode</i>	tk 797-357	0°/ 12°/30°	0° / 30°
 Pilzelektrode Rillen <i>Mushroom electrode rills</i>	tk 797-368	0°/ 12°/30°	0° / 30°
 Pilzelektrode konvex <i>Mushroom electrode convex</i>	tk 797-369	0°/ 12°/30°	0° / 30°
 Pilzelektrode stumpf <i>Mushroom electrode blunt</i>	tk 797-370	0°/ 12°/30°	0° / 30°
 Pilzelektrode stumpf, mit Aussparung <i>Mushroom electrode blunt, with relief</i>	tk 797-371	0°/ 12°/30°	0° / 30°
Packung à 6 Stck. <i>Box of 6 pcs</i>		für Optiken <i>for scopes</i>	für Schäfte <i>for sheaths</i>

HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.

einläufig
single stem

MONOPOLAR TK



	24 Charr. 		
Schneide/Vaporisationselektrode, nur für monopolaren Einsatz ! <i>Vaporisation electrode, only for monopolar use !</i>	tk 791-359	0° / 30°	30°
Packung à 6 Stck. <i>Box of 6 pcs</i>		für Optiken <i>for scopes</i>	für Schäfte <i>for sheaths</i>



tk 790-374

Schutzhülse zur Sterilisation von Elektroden
Protection tube for sterilization of electrodes

HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.

HYBRIDTK



⊗ 24 / ⊗ 26 Charr.	tk 797-331I	tk 797-332	tk 797-333	tk 797-323
Resektoskopschaft zur Dauerspülung <i>Resectoscope sheath for continuous flow</i>	Außenschaft <i>Outer sheath</i>	Innenschaft 30° <i>Inner sheath 30°</i>	Innenschaft 0° <i>Inner sheath 0°</i>	Obturator <i>Obturator</i>

tk 797-330I	x	x	-	x
tk 797-335I	x	-	x	x

komplett
complete



⊗ 24 / ⊗ 26 Charr.	tk 797-321I	tk 797-322	tk 797-324	tk 797-323
Resektoskopschaft zur Dauerspülung <i>Resectoscope sheath for continuous flow</i>	Außenschaft <i>Outer sheath</i>	Innenschaft 30° <i>Inner sheath 30°</i>	Innenschaft 0° <i>Inner sheath 0°</i>	Obturator <i>Obturator</i>

tk 797-320I	x	x	-	x
tk 797-328I	x	-	x	x

komplett
complete

HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.

HYBRIDTK



⊗ 24 / ⊗ 26 Charr.	tk 797-331	tk 797-332	tk 797-333	tk 797-323
Resektoskopschaft zur Dauerspülung <i>Resectoscope sheath for continuous flow</i>	Außenschaft <i>Outer sheath</i>	Innenschaft 30° <i>Inner sheath 30°</i>	Innenschaft 0° <i>Inner sheath 0°</i>	Obturator <i>Obturator</i>
tk 797-330	x	x	-	x
tk 797-335	x	-	x	x
komplett <i>complete</i>				



⊗ 24 / ⊗ 26 Charr.	tk 797-321	tk 797-322	tk 797-324	tk 797-323
Resektoskopschaft zur Dauerspülung <i>Resectoscope sheath for continuous flow</i>	Außenschaft <i>Outer sheath</i>	Innenschaft 30° <i>Inner sheath 30°</i>	Innenschaft 0° <i>Inner sheath 0°</i>	Obturator <i>Obturator</i>
tk 797-320	x	x	-	x
tk 797-328	x	-	x	x
komplett <i>complete</i>				

HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.

HYBRID **TK**



 24 Charr. 	tk 797-340
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Resektoskopschaft, Single Flow
Resectoscope sheath, single flow



 24 Charr. 	tk 797-343
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Resektoskopschaft mit Zentralhahn, Single Flow
Resectoscope sheath with central valve, single flow

HYBRID RESEKTOSKOP SYSTEM 24/26 CHARR.

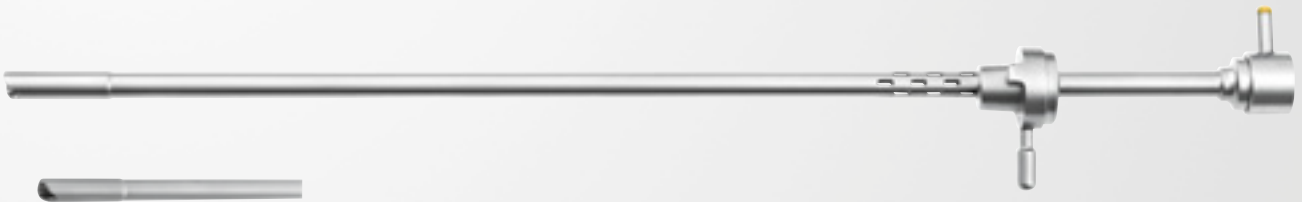
HYBRID RESECTOSCOPE SYSTEM 24/26 CHARR.

HYBRIDTK



24 Charr.  - Ø 5 Charr.	tk 797-325
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Obturator beweglich
Deflecting obturator



24 Charr.  - Ø 5 Charr.	tk 797-327
--	-------------------

Sichtobturator für Dauerspülung
Visual obturator for permanent flow



24 Charr.  - Ø 5 Charr.	tk 797-345
--	-------------------

Sichtobturator mit einem Instrumentenkanal
Visual obturator with one instrument channel

HYBRID RESEKTOSKOP SYSTEM 19/22 CHARR.

HYBRID RESECTOSCOPE SYSTEM 19/22 CHARR.



Hybrid Elektroden
Hybrid Electrodes

☐ tk 797-360 – 797-366



☐ tk 797-341



☐ tk 797-310I

Permanente Spülung
Continuous flow

Irrigation permanente
Irrigación continua
Flusso continuo



☐ tk 797-313

HYBRID RESEKTOSKOP SYSTEM 19/22 CHARR.

HYBRID RESECTOSCOPE SYSTEM 19/22 CHARR.

HYBRIDTK

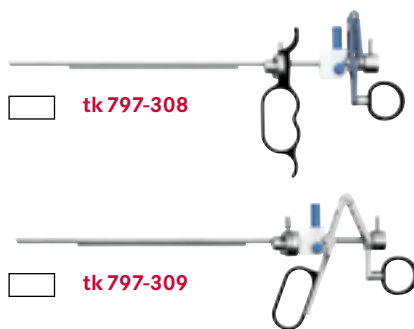
BIPOLARTK



MONOPOLARTK



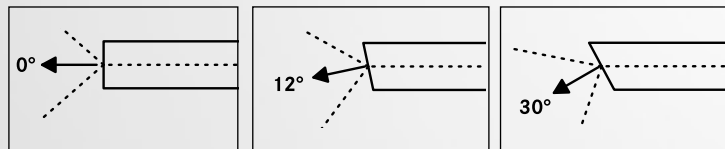
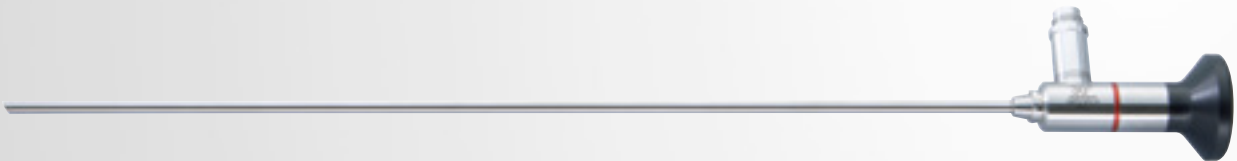
tk 90013-00 – 90013-03



HYBRID RESEKTOSKOP SYSTEM 19/22 CHARR.

HYBRID RESECTOSCOPE SYSTEM 19/22 CHARR.

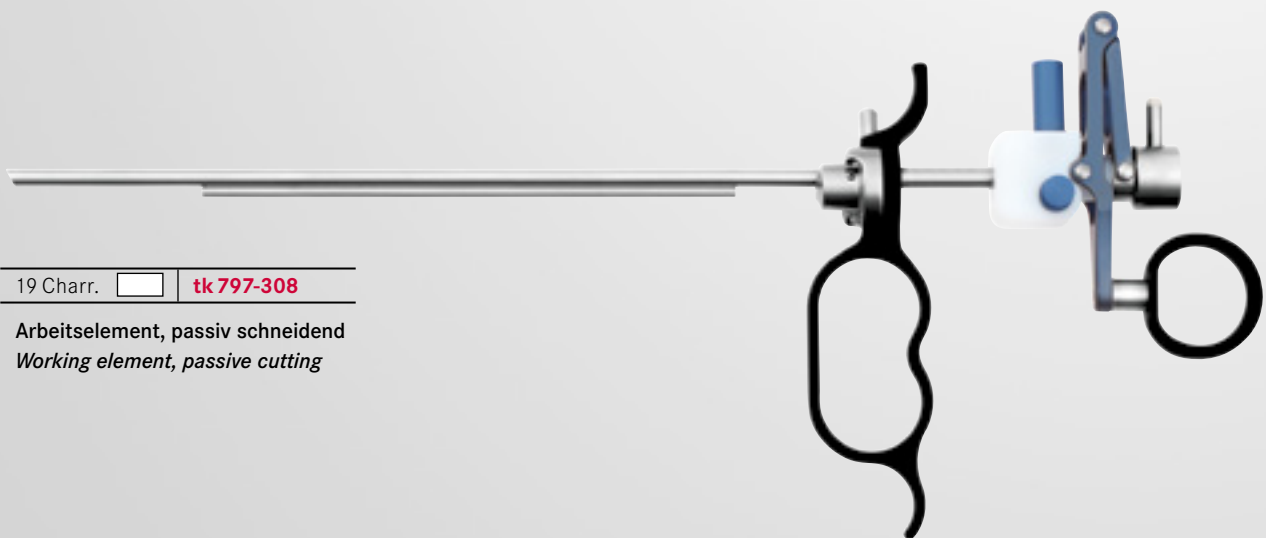
HYBRIDTK



Ø 2.9 mm - 302 mm	tk 700-059	tk 700-061	tk 700-066
Ø 2.7 mm - 302 mm	tk 700-064SF	tk 700-065SF	tk 700-068SF

Arbeitslänge
Working length

SF = Tekno-Flex



19 Charr. ☐ tk 797-308

Arbeitselement, passiv schneidend
Working element, passive cutting



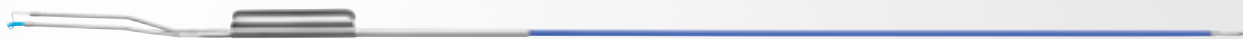
19 Charr. ☐ tk 797-309

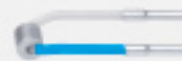
Arbeitselement, aktiv schneidend
Working element, active cutting

HYBRID RESEKTOSKOP SYSTEM 19/22 CHARR.

HYBRID RESECTOSCOPE SYSTEM 19/22 CHARR.

HYBRID TK



	19 Charr. ☐		
 Schlingenelektrode, gerade, Prostata/Urethra <i>Loop electrode, straight, Prostate/Urethra</i>	tk 797-361	0° / 12°	0° / 30°
 Schlingenelektrode, 30°, fein <i>Loop electrode, 30°, thin</i>	tk 797-362	30°	0° / 30°
 Messerelektrode, gewinkelt 90° <i>Knife electrode, angled 90°</i>	tk 797-360	0° / 12° / 30°	0° / 30°
 Kugelelektrode, Ø 3 mm <i>Ball electrode, Ø 3 mm</i>	tk 797-365	0° / 12° / 30°	0° / 30°
 Rollenelektrode, glatt, Ø 3 mm <i>Roller electrode, smooth, Ø 3 mm</i>	tk 797-366	0° / 12° / 30°	0° / 30°
Packung à 6 Stck. <i>Box of 6 pcs</i>		für Optiken <i>for scopes</i>	für Schäfte <i>for sheaths</i>



tk 790-374

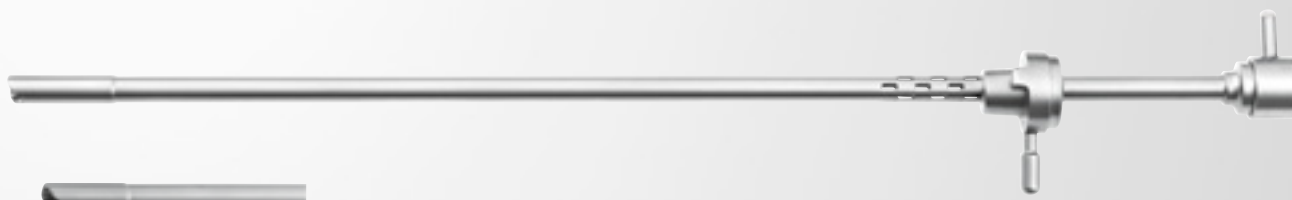
Schutzhülse zur Sterilisation von Elektroden
Protection tube for sterilization of electrodes

HYBRID RESECTOSCOPE SYSTEM 19/22 CHARR.

HYBRID RESEKTOSKOP SYSTEM 19/22 CHARR.

HYBRID RESECTOSCOPE SYSTEM 19/22 CHARR.

HYBRID **TK**



19 Charr. ☐ **tk797-326**

Sichtobturator für Dauerspülung

Visual obturator for permanent flow

HYBRID RESEKTOSKOP SYSTEM 18,5/17,5 CHARR.

HYBRID RESECTOSCOPE SYSTEM 18.5/17.5 CHARR.



Hybrid Elektroden
Hybrid Electrodes

tk 797-576 – 797-579



tk 797-572

Permanente Spülung
Continuous flow

Irrigation permanente
Irrigación continua
Flusso continuo



tk 797-575

HYBRID RESEKTOSKOP SYSTEM 18,5/17,5 CHARR.

HYBRID RESECTOSCOPE SYSTEM 18.5/17.5 CHARR.

HYBRIDTK

BIPOLARTK

tk 707-351
tk 707-358

MONOPOLARTK

tk 790-310
tk 790-311
tk 790-312
tk 790-313



tk 90013-00 – 90013-03



tk 797-570



tk 797-571



tk 700-064SF – 700-068SF

SF = Tekno-Flex



tk 700-059 – 700-066



tk 797-589

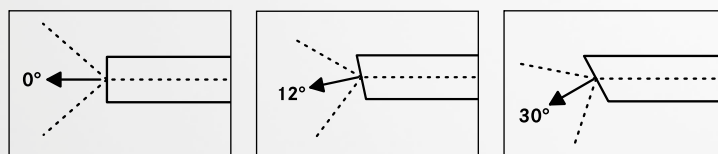
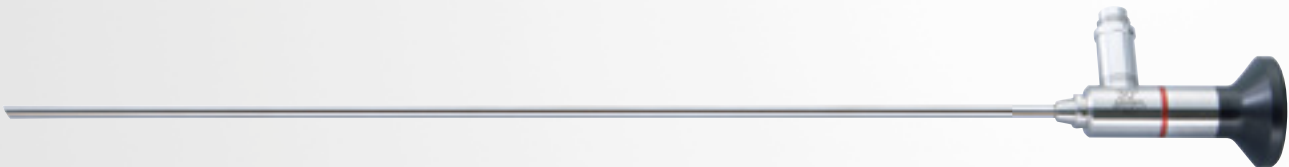


HYBRID RESEKTOSKOP SYSTEM 18,5/17,5 CHARR.

HYBRID RESECTOSCOPE SYSTEM 18.5/17.5 CHARR.

HYBRIDTK

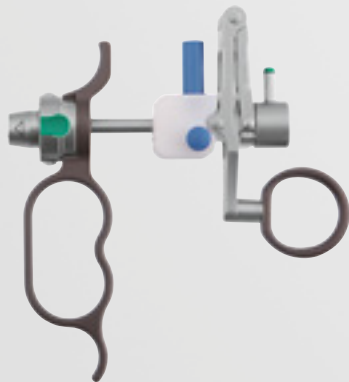
autoklavierbar / autoclavable
134°C / 273°F - 18 min.



Ø 2.9 mm - 302 mm	tk 700-059	tk 700-061	tk 700-066
Ø 2.7 mm - 302 mm	tk 700-064SF	tk 700-065SF	tk 700-068SF

Arbeitslänge
Working length

SF = Tekno-Flex



17.5 Charr.	tk 797-570
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Arbeitselement, passiv schneidend
Working element, passive cutting



17.5 Charr.	tk 797-571
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Arbeitselement, aktiv schneidend
Working element, active cutting

HYBRID RESEKTOSKOP SYSTEM 18,5/17,5 CHARR.

HYBRID RESECTOSCOPE SYSTEM 18.5/17.5 CHARR.



	 18.5 Charr.		
 Schlingenelektrode, gewinkelt 30° <i>Loop electrode, angled 30°</i>	tk 797-576	30°	0°/30°
 Messerelektrode, gewinkelt 90° <i>Knife electrode, angled 90°</i>	tk 797-577	30°	0°/30°
 Rollenelektrode, glatt, Ø 2 mm <i>Roller electrode, smooth, Ø 2 mm</i>	tk 797-578	0°/12°/30°	0°/30°
 Kugelelektrode, Ø 2 mm <i>Ball electrode, Ø 2 mm</i>	tk 797-579	0°/12°/30°	0°/30° 28.10.24
Packung á 6 Stück <i>Box of 6 pieces</i>		für Optiken <i>for scopes</i>	für Schäfte <i>for sheaths</i>

HYBRID RESEKTOSKOP SYSTEM
HYBRID RESECTOSCOPE SYSTEM



17,5 / 18.5 Charr.	tk 797-573	tk 797-574	tk 797-575
Resektoskopschaft zur Dauerspülung Resectoscope sheath for continuous flow	Außenschaft Outer sheath	Innenschaft Inner sheath	Obturator Obturator
tk 797-572	x	x	x
komplett complete			



17.5 Charr. - Ø 5 Charr.	tk 797-589
Sichtobturator mit einem Instrumentenkanal Visual obturator with one instrument channel	

HYBRID RESEKTOSKOP SYSTEM

HYBRID RESECTOSCOPE SYSTEM

Hochfrequenzkabel, bipolar
High frequency cables, bipolar



TOM 500	3m	tk 707-351
	5m	tk 707-358
Tekno		



Hochfrequenzkabel, monopolar
High frequency cables, monopolar



Ø = 4 mm	3m	tk 790-310
Aesculap, Berchtold, Martin		



Ø = 5 mm	3m	tk 790-311
Storz, Erbe		



Ø = 8 mm	3m	tk 790-312
Tekno, Valleylab, Bovie		



Ø = 4 mm	3m	tk 790-313
Berchtold, Martin		



HYBRID RESEKTOSKOP SYSTEM

HYBRID RESECTOSCOPE SYSTEM

ALL IN ONE

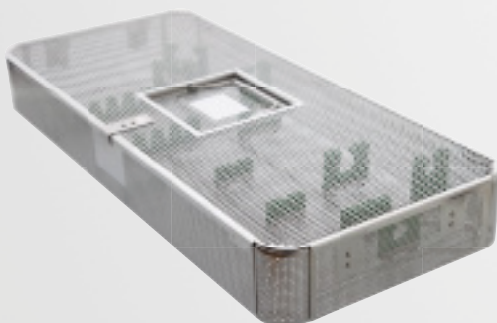
Durch die speziell platzierten Silikonhalterungen, findet ein komplettes Resektoskopie Set in nur einem Siebkorb Platz. Dies sorgt durch eine übersichtliche und schnellere Zuordnung für Zeitersparnis im Klinik-Alltag.

Dank der flexiblen und universellen Halterungen kann der Siebkorb sowohl für monopolare, bipolare und hybride Sets in verschiedenen Größen (22/19 Charr. und 26/24 Charr.) verwendet werden.

Zu verwenden ist der Siebkorb mit einem 1/1 Container:

Höhe 96 mm für 1 Siebkorb

Höhe 190 mm für 2 Siebkörbe



542 x 256 x 80 mm

tk 85109-05

Lochblechsiebkorb mit Deckel

Perforated plate basket with lid



CLASSIC **1/1**

No

FILTER

2 x

FILTER



600 x 272 x 96 mm

tk 88170-B0F-SI

tk 88170-B2F-SI

x 190 mm

tk 88200-B0F-SI

tk 88200-B2F-SI

ALL IN ONE

Due to the specially placed silicone holders, a complete resectoscopy set can be stored in just one basket.

This saves time in clinical workaday life due to a clear and faster allocation.

Thanks to the flexible and universal holders, the basket can be used for monopolar, bipolar and hybrid sets in different sizes (22/19 Charr. and 26/24 Charr.).

The basket is suitable for 1/1 containers:

Height 96 mm for 1 basket

Height 190 mm for 2 baskets



Abbildung zeigt Beispiel mit Resektoskopie-Set 24/26 Charr., passiv, bipolar. Lieferumfang ohne Instrumente.

Image shows example for resectoscopy set 24/26 Charr., passive, bipolar. Scope of delivery without instruments.



2 x

FILTER



585 x 285 x 26,5

tk 88170-L2F-SI

tk 88170-L2F-YE

tk 88170-L2F-GR

tk 88170-L2F-BL

tk 88170-L2F-RE

tk 88170-L2F-BK

HYBRID RESEKTOSKOP SYSTEM

HYBRID RESECTOSCOPE SYSTEM



TOM 500

Unit	tk 90013-00	tk 90013-01	tk 90013-02	tk 90013-03
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MONOPOLAR

Cutting		400 W	400 W	200 W	200 W
Coagulation		300 W	300 W	200 W	200 W

BIPOLAR

Cutting		300 W	300 W	300 W	300 W
Coagulation		320 W	320 W	320 W	320 W

ARGON BEAMER

Coagulation	1 - 15 L/min	-	1 - 15 L/min	-
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TECHNICAL DATA

Power supply	100 - 230 V; 50/60 Hz
Power consumption	max. 828 VA
Frequency	440 KHz ± 10%
Outputs	2 x monopolar, 2 x bipolar, 1 x Argon (only 90013-00 and 90013-02)
PER (Power Efficiency Rating)	> 98 %
Safety class	Class 1
Type	CF
Classification 93/42/MDD	IIB
Memories	99
Standby mode	yes
Dimensions (WxDxH)	380 x 350 x 210 mm
Weight	13 kg

HYBRID RESEKTOSKOP SYSTEM

HYBRID RESECTOSCOPE SYSTEM

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