



MINIMALLY INVASIVE SPINE SURGERY



ABOUT US



SINCE 20 YEARS



EXPORT IN
+70 COUNTRIES



MADE IN
GERMANY



+ 10.000
PRODUCTS



LOCATED IN THE
WORLD CENTER
FOR MEDICAL
TECHNOLOGY

CERTIFICATED

STEMA Medizintechnik GmbH is certified in accordance with the highest standards:

- DIN EN ISO 13485:2016 + AC:2016
- EU 2017/745 (**MDR**)
- Council Directive 93/42/EEC Annex II excluding Section 4
- Council Directive 93/42/EEC Annex V excluding Section 3
- FDA

These standards create an essential base for our company and our partners. They also symbolize the commitment and strive to keep up the quality of our products.



PRODUCT RANGE

The current product range of STEMA Medizintechnik GmbH includes more than 10.000 different items.

We cover the following areas in surgery with high quality products:

ARTHROSCOPY

CARDIAC MIS

CONTAINER-SYSTEMS

ENT

GASTROENTEROLOGY

GYNAECOLOGY

HF-SURGERY

LAMINECTOMY

LAPAROSCOPY

MICRO MOTOR SYSTEMS

PROCTOSCOPY

SPINE-SURGERY

TITANIUM PLATING SYSTEM

UNITS

UROLOGY



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1. ENDOSCOPES

1.1 | HD SPINE ENDOSCOPES

0° ENDOSCOPES

15° ENDOSCOPES

30° ENDOSCOPES

1.2 | HD SPINE ENDOSCOPES WITH WORKING SLEEVES

0° ENDOSCOPES

15° ENDOSCOPES

30° ENDOSCOPES

1.1 | HD SPINE ENDOSCOPES

0°

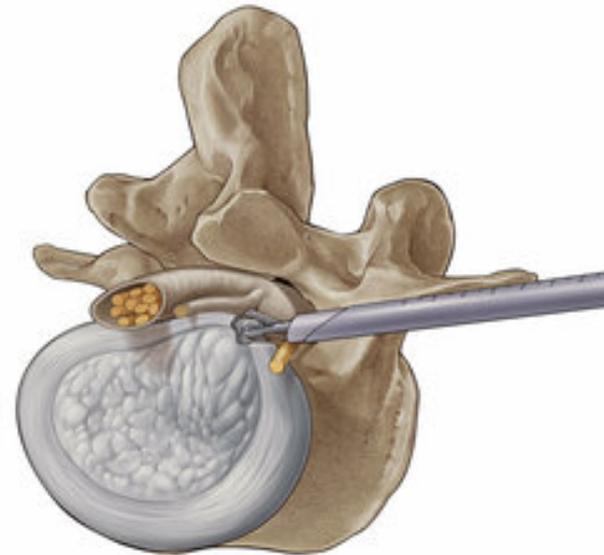
15°

30°



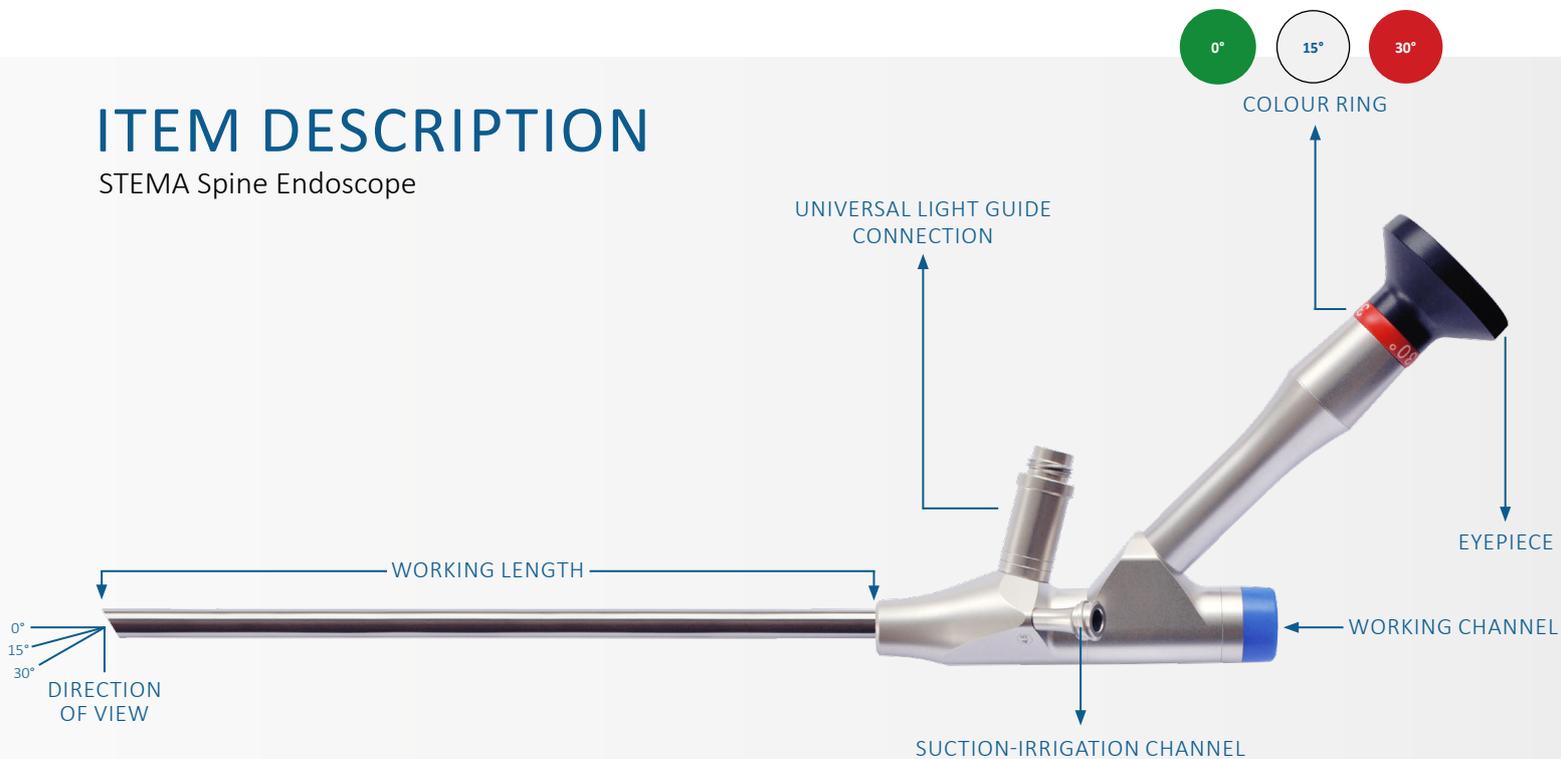
1.1 | HD SPINE ENDOSCOPES

- Adaptors to connect different light cables
- High Definition pictures
- Eyepiece for C-mount connection
- High Performance
- Fully autoclavable



ITEM DESCRIPTION

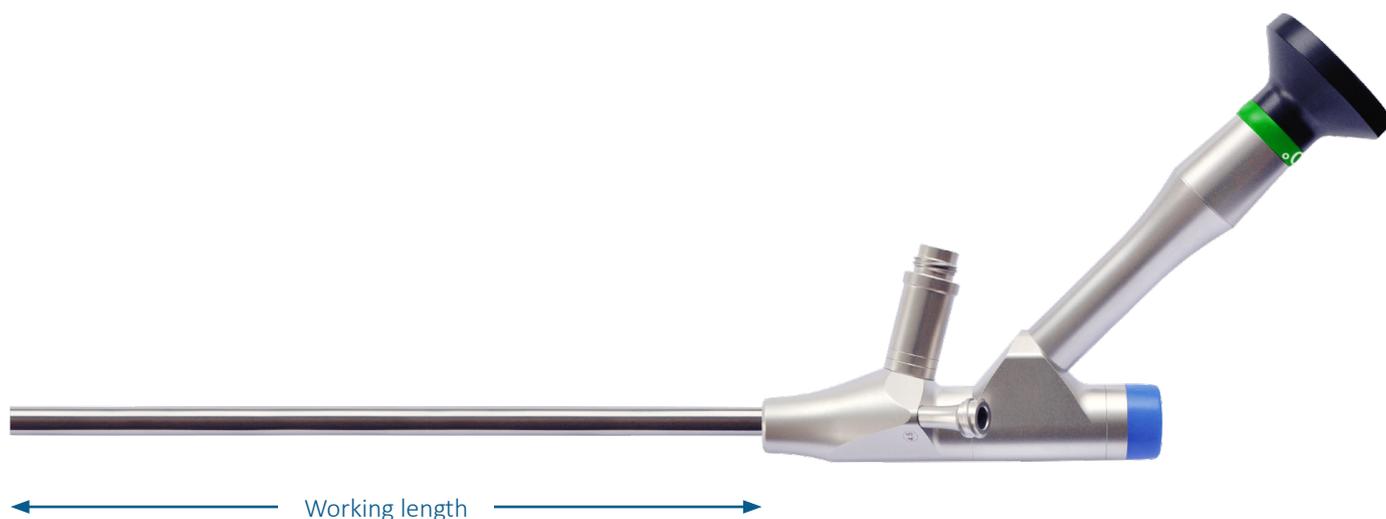
STEMA Spine Endoscope





1.1 | ENDOSCOPES

HD SPINE ENDOSCOPES | 0°

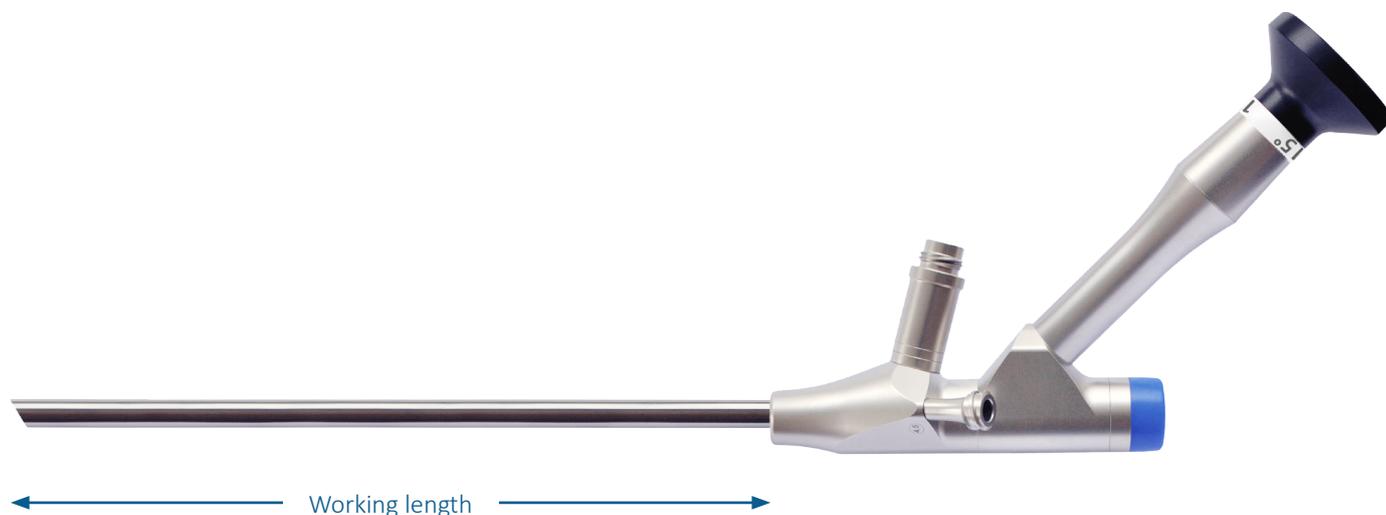


Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-023	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel - Opening angle 80°	0°	Ø 6.3mm	Ø 3.75mm	181mm



1.1 | ENDOSCOPES

HD SPINE ENDOSCOPES | 15°

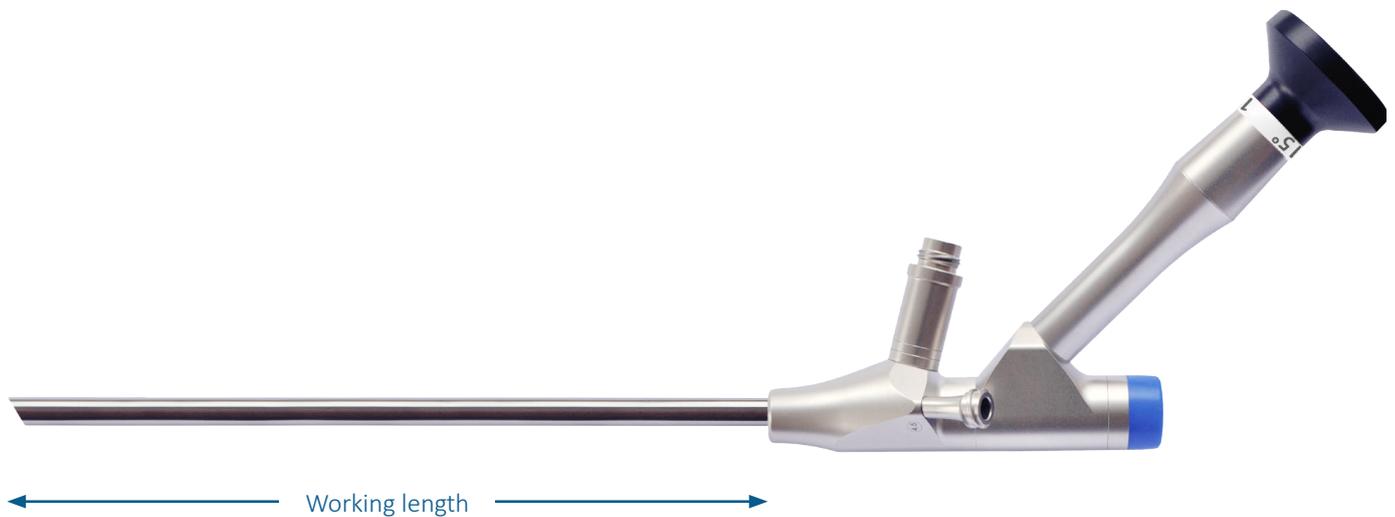


Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-024	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel	15°	Ø 6.9mm	Ø 4.3mm	125mm
MA-002-007	- Opening angle 80°				181mm

Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-021	HD Spine endoscope - 45° angled ocular - 1 x 1.6mm irrigation channel - Opening angle 80°	15°	Ø 8.4mm	Ø 5.7mm	90mm
MA-002-025	HD Spine endoscope - 45° angled ocular - 2 x 1.6mm irrigation channel - Opening angle 80°	15°	Ø 8.4mm	Ø 5.7mm	100mm
MA-002-012	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel - Opening angle 80°	15°	Ø 8.4mm	Ø 5.7mm	125mm

1.1 | ENDOSCOPES

HD SPINE ENDOSCOPES | 15°

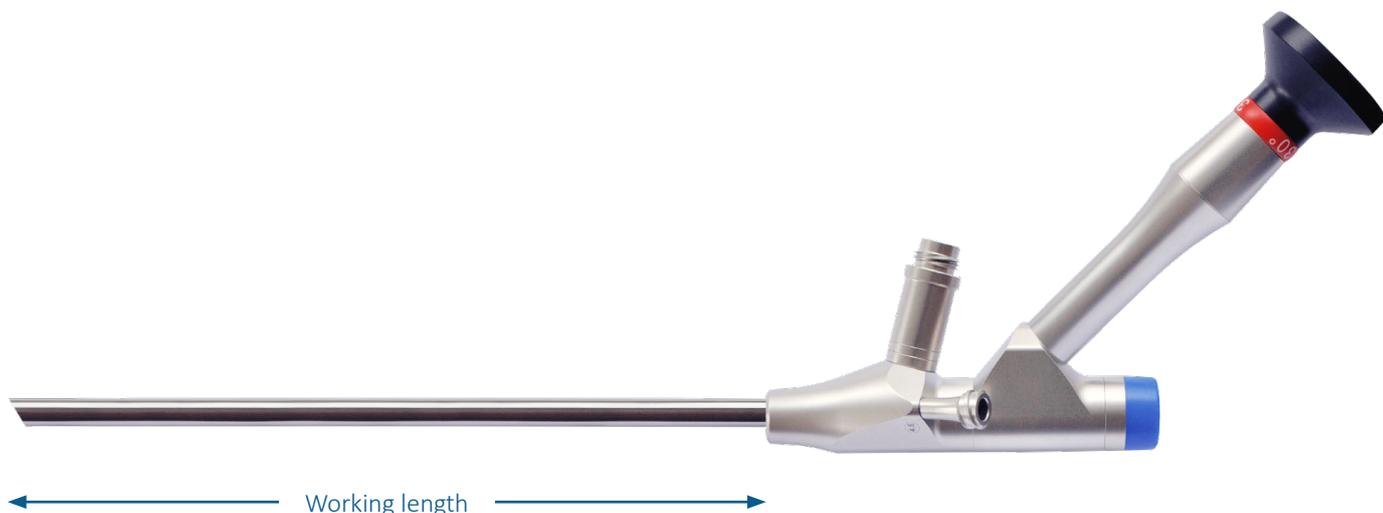


Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-019	HD Spine endoscope - 45° angled ocular - 2 x 1.7mm irrigation channel - Opening angle 80°	15°	Ø 10.0mm	Ø 6.0mm	125mm
MA-002-022	HD Spine endoscope - 45° angled ocular - 1 x 1.6mm irrigation channel - Opening angle 80°	15°	Ø 10.0mm	Ø 6.4mm	94mm
MA-002-020	HD Spine endoscope - 45° angled ocular - 1 x 1.6mm irrigation channel - Opening angle 80°	15°	Ø 10.0mm	Ø 6.4mm	74mm
MA-002-026	HD Spine endoscope - 45° angled ocular - 2 x 1.7mm irrigation channel - Opening angle 80°	15°	Ø 10.0mm	Ø 7.1mm	100mm
MA-002-018	HD Spine endoscope - 45° angled ocular - 2 x 1.7mm irrigation channel - Opening angle 80°	15°	Ø 10.0mm	Ø 7.1mm	125mm



1.1 | ENDOSCOPES

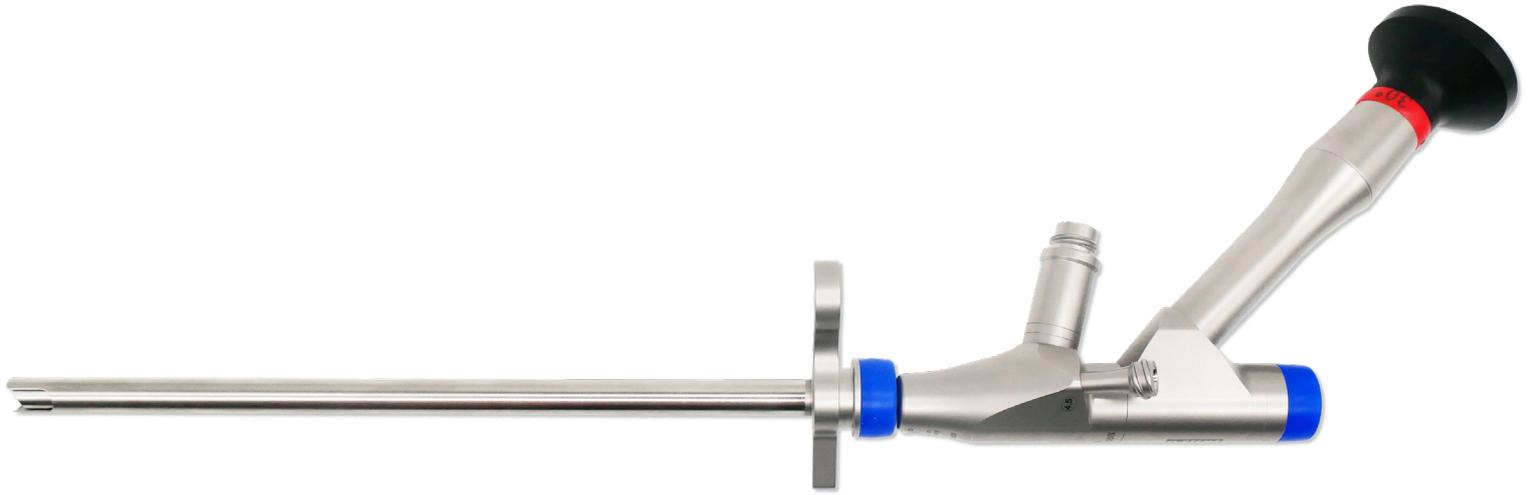
HD SPINE ENDOSCOPES | 30°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-001	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel - Opening angle 80°	30°	Ø 6.3mm	Ø 3.75mm	130mm
MA-002-003					181mm
MA-002-005					208mm

Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-009	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel - Opening angle 80°	30°	Ø 6.9mm	Ø 4.3mm	130mm
MA-002-010					160mm
MA-002-008					181mm

1.2 | HD SPINE ENDOSCOPES WITH WORKING SLEEVES





1.2 | ENDOSCOPES WITH WORKING SLEEVES HD SPINE ENDOSCOPES | 0°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-023	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel	0°	Ø 6.3mm	Ø 3.75mm	181mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, standard	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-034
				130mm	MH-001-010
				178mm	MH-001-012
	SPINE working sleeve, dual window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-036
				130mm	MH-001-014
				178mm	MH-001-016
	SPINE working sleeve, lateral window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-044
				130mm	MH-001-018
				178mm	MH-001-020
	SPINE working sleeve, long window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-040
				130mm	MH-001-022
				178mm	MH-001-024
	SPINE working sleeve, oblique window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-042
				130mm	MH-001-026
				178mm	MH-001-028
	SPINE working sleeve, elevator tip	Ø 6.5mm	Ø 7.5mm	105mm	MH-001-050
				125mm	MH-001-040
	SPINE working sleeve, short elevator tip	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-038



1.2 | ENDOSCOPES WITH WORKING SLEEVES HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-024	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel	15°	Ø 6.9mm	Ø 4.3mm	125mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, standard	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-035
	SPINE working sleeve, dual window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-037
	SPINE working sleeve, lateral window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-045
	SPINE working sleeve, long window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-041
	SPINE working sleeve, oblique window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-043
	SPINE working sleeve, elevator tip	Ø 7.2mm	Ø 8.0mm	105mm	MH-001-047
				125mm	MH-001-041
	SPINE working sleeve, short elevator tip	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-039



1.2 | ENDOSCOPES WITH WORKING SLEEVES HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-007	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel	15°	Ø 6.9mm	Ø 4.3mm	181mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, standard	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-035
				130mm	MH-001-011
				178mm	MH-001-013
	SPINE working sleeve, dual window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-037
				130mm	MH-001-015
				178mm	MH-001-017
	SPINE working sleeve, lateral window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-045
				130mm	MH-001-019
				178mm	MH-001-021
	SPINE working sleeve, long window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-041
				130mm	MH-001-023
				178mm	MH-001-025
	SPINE working sleeve, oblique window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-043
				130mm	MH-001-027
				178mm	MH-001-029
	SPINE working sleeve, elevator tip	Ø 7.2mm	Ø 8.0mm	105mm	MH-001-047
				125mm	MH-001-041
				178mm	MH-001-033
	Short elevator tip	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-039



1.2 | ENDOSCOPES WITH WORKING SLEEVES

HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-025	HD Spine endoscope - 45° angled ocular - 2 x 1.6mm irrigation channel	15°	Ø 8.4mm	Ø 5.7mm	100mm

WORKING SLEEVES



Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
 SPINE working sleeve, oblique window	Ø 8.5mm	Ø 9.5mm	94mm	MH-001-056
			100mm	MH-001-057
	Ø 10.2mm	Ø 11.0mm	95mm	MH-001-051



1.2 | ENDOSCOPES WITH WORKING SLEEVES

HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-022	HD Spine endoscope - 45° angled ocular - 2 x 1.6mm irrigation channel	15°	Ø 10.0mm	Ø 6.4mm	94mm
MA-002-026	HD Spine endoscope - 45° angled ocular - 2 x 1.7mm irrigation channel	15°	Ø 10.0mm	Ø 7.1mm	100mm

WORKING SLEEVES



Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
 SPINE working sleeve, oblique window	Ø 10.2mm	Ø 11.0mm	95mm	MH-001-051
	Ø 10.2mm	Ø 11.2mm	94mm	MH-001-058
			100mm	MH-001-059



1.2 | ENDOSCOPES WITH WORKING SLEEVES HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-012	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel	15°	Ø 8.4mm	Ø 5.7mm	125mm

WORKING SLEEVES



Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
 SPINE working sleeve, oblique window	Ø 8.5mm	Ø 9.5mm	94mm	MH-001-056
			100mm	MH-001-057
	Ø 10.2mm	Ø 11.0mm	95mm	MH-001-051
			120.5mm	MH-001-052



1.2 | ENDOSCOPES WITH WORKING SLEEVES

HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-019	HD Spine endoscope - 45° angled ocular - 2 x 1.7mm irrigation channel	15°	Ø 10.0mm	Ø 6.0mm	125mm
MA-002-018	HD Spine endoscope - 45° angled ocular - 2 x 1.7mm irrigation channel	15°	Ø 10.0mm	Ø 7.1mm	125mm

WORKING SLEEVES



Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
 SPINE working sleeve, oblique window	Ø 10.2mm	Ø 11.0mm	95mm	MH-001-051
			120.5mm	MH-001-052
	Ø 10.2mm	Ø 11.2mm	94mm	MH-001-058
			100mm	MH-001-059



1.2 | ENDOSCOPES WITH WORKING SLEEVES HD SPINE ENDOSCOPES | 30°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-001	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel	30°	Ø 6.3mm	Ø 3.75mm	130mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, standard	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-034
				130mm	MH-001-010
	SPINE working sleeve, dual window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-036
				130mm	MH-001-014
	SPINE working sleeve, lateral window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-044
				130mm	MH-001-018
	SPINE working sleeve, long window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-040
				130mm	MH-001-022
	SPINE working sleeve, oblique window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-042
				130mm	MH-001-026
	SPINE working sleeve, elevator tip	Ø 6.5mm	Ø 7.5mm	105mm	MH-001-050
				125mm	MH-001-040
	SPINE working sleeve, short elevator tip	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-038



1.2 | ENDOSCOPES WITH WORKING SLEEVES HD SPINE ENDOSCOPES | 30°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-003	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel	30°	Ø 6.3mm	Ø 3.75mm	181mm
MA-002-005					208mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, standard	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-034
				130mm	MH-001-010
				178mm	MH-001-012
	SPINE working sleeve, dual window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-036
				130mm	MH-001-014
				178mm	MH-001-016
	SPINE working sleeve, lateral window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-044
				130mm	MH-001-018
				178mm	MH-001-020
	SPINE working sleeve, long window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-040
				130mm	MH-001-022
				178mm	MH-001-024
	SPINE working sleeve, oblique window	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-042
				130mm	MH-001-026
				178mm	MH-001-028
	SPINE working sleeve, elevator tip	Ø 6.5mm	Ø 7.5mm	105mm	MH-001-050
				125mm	MH-001-040
	SPINE working sleeve, short elevator tip	Ø 6.5mm	Ø 7.5mm	125mm	MH-001-038



1.2 | ENDOSCOPES WITH WORKING SLEEVES HD SPINE ENDOSCOPES | 30°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-009	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel	30°	Ø 6.9mm	Ø 4.3mm	130mm
MA-002-010					160mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, standard	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-035
				130mm	MH-001-011
	SPINE working sleeve, dual window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-037
				130mm	MH-001-015
	SPINE working sleeve, lateral window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-045
				130mm	MH-001-019
	SPINE working sleeve, long window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-041
				130mm	MH-001-023
	SPINE working sleeve, oblique window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-043
				130mm	MH-001-027
	SPINE working sleeve, elevator tip	Ø 7.2mm	Ø 8.0mm	105mm	MH-001-047
				125mm	MH-001-041
	SPINE working sleeve, short elevator tip	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-039



1.2 | ENDOSCOPES WITH WORKING SLEEVES HD SPINE ENDOSCOPES | 30°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-008	HD Spine endoscope - 45° angled ocular - 2 x 1.5mm irrigation channel	30°	Ø 6.9mm	Ø 4.3mm	181mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, standard	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-035
				130mm	MH-001-011
				178mm	MH-001-013
	SPINE working sleeve, dual window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-037
				130mm	MH-001-015
				178mm	MH-001-017
	SPINE working sleeve, lateral window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-045
				130mm	MH-001-019
				178mm	MH-001-021
	SPINE working sleeve, long window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-041
				130mm	MH-001-023
				178mm	MH-001-025
	SPINE working sleeve, oblique window	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-043
				130mm	MH-001-027
				178mm	MH-001-029
	SPINE working sleeve, elevator tip	Ø 7.2mm	Ø 8.0mm	105mm	MH-001-047
				125mm	MH-001-041
				178mm	MH-001-033
	Short elevator tip	Ø 7.2mm	Ø 8.0mm	125mm	MH-001-039

2. VARIOUS INSTRUMENTS

2.1 | VARIOUS INSTRUMENTS

SPINAL CANULAS & GUIDE WIRES

DILATATORS

PROBES, CHISELS & TROCARS

METAL RULER & HAMMER

DISSECTION PALPATION PROBE & ROD FORCEPS

TREPHINES & REAMERS

PROTECTION SLEEVES

CERVICAL TREPHINE & SLEEVES

WORKING SLEEVES

ACCESSORIES FOR SPINE WORKING SLEEVES AND ENDOSCOPES

CLEANING AND MAINTENANCE

2. VARIOUS INSTRUMENTS



2.1 | VARIOUS INSTRUMENTS

SPINAL CANULAS & GUIDE WIRES



Ordering no.	Description	Diameter	Working length
MH-003-003	Spinal canula set	Ø 0.8mm	200mm
MH-003-004		Ø 0.8mm	230mm
MH-003-005		Ø 1.0mm	225mm
MH-003-001		Ø 1.2mm	150mm
MH-003-002		Ø 1.2mm	180mm
MH-003-006		Ø 1.2mm	280mm
MH-003-007		Ø 1.6mm	150mm
MH-003-008		Ø 1.6mm	180mm

Ordering no.	Description	Diameter	Working length
MH-002-001	Guide wire	Ø 0.7mm	400mm
MH-002-005		Ø 0.8mm	400mm
MH-002-002		Ø 1.0mm	400mm
MH-002-003		Ø 1.2mm	400mm
MH-002-004		Ø 1.5mm	400mm
MH-002-006		Guide wire, (nitinol)	Ø 0.7mm
MH-002-007	Ø 1.2mm		310mm
MH-002-008	Ø 1.2mm		400mm

2.1 | VARIOUS INSTRUMENTS

DILATATORS



Ordering no.	Description	Diameter	Working length
MH-002-010	Dilatator, 2-channel	Ø 5.0mm	225mm
MH-002-011		Ø 5.3mm	225mm
MH-002-012		Ø 6.3mm	225mm
MH-002-013		Ø 7.0mm	225mm
MH-002-014	Dilatator, 1-channel	Ø 10.0mm	185mm

2.1 | VARIOUS INSTRUMENTS

DILATATORS



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-030	Dilatator	Ø 1.0mm	Ø 2.5mm	230mm
MH-002-031		Ø 1.5mm	Ø 4.0mm	230mm
MH-002-032		Ø 2.0mm	Ø 5.0mm	230mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-033	Dilatator, conical	Ø 1.0mm	Ø 2.5mm	230mm
MH-002-034		Ø 1.5mm	Ø 4.0mm	230mm
MH-002-035		Ø 2.0mm	Ø 5.0mm	230mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-037	Dilatator, conical	Ø 2.8mm	Ø 4.1mm	185mm
MH-002-038		Ø 4.2mm	Ø 5.1mm	170mm
MH-002-039		Ø 5.2mm	Ø 6.0mm	160mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-036	Dilatator, curved	Ø 1.0mm	Ø 2.5mm	230mm

2.1 | VARIOUS INSTRUMENTS

PROBES | CHISELS | TROCARS



	Ordering no.	Description	Diameter	Working length
	MD-004-010	Probe	Ø 2.5mm	310mm
	MD-004-018	Hook Probe, hook height 3.0mm	Ø 3.0mm	310mm
	MD-004-016	Hook Probe, hook height 3.3mm	Ø 2.5mm	310mm
	MD-004-017	Hook probe (nitinol), hook height 3.3mm	Ø 2.5mm	310mm
	MD-004-011	Hook probe, hook height 5.0mm	Ø 2.5mm	310mm
	MD-004-019	Hook probe, with ball (Ø 3.0mm)	Ø 3.5mm	310mm
	MD-004-012	Bone chisel, half round, blunt	Ø 3.0mm	310mm
	MD-004-013	Bone chisel, half round, sharp	Ø 3.0mm	310mm
	MD-004-021	Bone chisel, half round, sharp	Ø 3.6mm	310mm
	MD-004-014	Trocar	Ø 3.0mm	310mm
	MD-004-020	Elevator probe	Ø 2.5mm	310mm
	MD-004-022	Elevator probe	Ø 3.0mm	310mm

2.1 | VARIOUS INSTRUMENTS

METAL RULER | METAL HAMMER | PALPATION PROBE | ROD FORCEPS



Ordering no.	Description	Length
MD-010-002	Metal ruler	300mm



Ordering no.	Description	Diameter	Working length
MD-010-001	Metal hammer	Ø 30mm	240mm



Ordering no.	Description	Diameter	Working length
MD-004-015	Dissection palpation probe	Ø 2.5mm	350mm



Ordering no.	Description	Length
MB-001-001	STEMA guiding rod forceps, parallel closing, V-nut one side	18.5cm
MB-001-002	STEMA guiding rod forceps, parallel closing, V-nut both sides	18.5cm
MB-001-003	STEMA guiding rod forceps, parallel closing, without teeth	18.5cm



2.1 | VARIOUS INSTRUMENTS

HANDLE FOR TREPHINES | TREPHINES | REAMERS



Ordering no.	Description
MH-010-001	Quick-Lock handle used for trephines



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-010-002	Trephine, scaled	Ø 4.1mm	Ø 5.1mm	225mm
MH-010-003		Ø 5.6mm	Ø 6.6mm	225mm
MH-010-004		Ø 6.6mm	Ø 7.6mm	225mm
MH-010-005		Ø 2.55mm	Ø 3.55mm	350mm
MH-010-006		Ø 3.1mm	Ø 4.1mm	350mm



Ordering no.	Description	Diameter	Working length
MH-010-011	Reamer, scaled	Ø 5.1mm	260mm
MH-010-012		Ø 6.6mm	260mm
MH-010-013		Ø 7.6mm	260mm
MH-010-014		Ø 8.8mm	260mm

2.1 | VARIOUS INSTRUMENTS

TREPHINE PROTECTION SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-100	SPINE protection sleeve for trephine, oblique	Ø 5.2mm	Ø 6.0mm	160mm
MH-001-101		Ø 6.7mm	Ø 7.5mm	160mm
MH-001-102		Ø 7.7mm	Ø 8.5mm	160mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-103	SPINE protection sleeve for trephine, lateral window	Ø 5.2mm	Ø 6.0mm	180mm
MH-001-104		Ø 6.7mm	Ø 7.5mm	180mm
MH-001-105		Ø 7.7mm	Ø 8.5mm	180mm
MH-001-106		Ø 10.0mm	Ø 11.0mm	175mm

2.1 | VARIOUS INSTRUMENTS

CERVICAL DILATATION SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-020	Cervical dilatation sleeve, straight	Ø 3.8mm	Ø 4.1mm	100mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-021	Cervical dilatation sleeve, oblique	Ø 3.8mm	Ø 4.1mm	100mm

2.1 | VARIOUS INSTRUMENTS

CERVICAL TREPHINES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-010-030	Cervical trephine, scaled	Ø 1.5mm	Ø 2.0mm	260mm
MH-010-031		Ø 2.7mm	Ø 3.1mm	180mm
MH-010-032		Ø 3.3mm	Ø 3.7mm	150mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-010-020	Cervical dilatator, conical	Ø 1.0mm	Ø 2.5mm	180mm
MH-010-021		Ø 2.7mm	Ø 3.1mm	150mm
MH-010-022		Ø 3.3mm	Ø 3.7mm	120mm

2.1 | VARIOUS INSTRUMENTS WORKING SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-034	Spine working sleeve, standard	Ø 6.5mm	Ø 7.5mm	125mm
MH-001-010		Ø 6.5mm	Ø 7.5mm	130mm
MH-001-012		Ø 6.5mm	Ø 7.5mm	178mm
MH-001-035		Ø 7.2mm	Ø 8.0mm	125mm
MH-001-011		Ø 7.2mm	Ø 8.0mm	130mm
MH-001-013		Ø 7.2mm	Ø 8.0mm	178mm
MH-001-055		Ø 10.2mm	Ø 11.0mm	134mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-036	Spine working sleeve, dual window	Ø 6.5mm	Ø 7.5mm	125mm
MH-001-014		Ø 6.5mm	Ø 7.5mm	130mm
MH-001-016		Ø 6.5mm	Ø 7.5mm	178mm
MH-001-037		Ø 7.2mm	Ø 8.0mm	125mm
MH-001-015		Ø 7.2mm	Ø 8.0mm	130mm
MH-001-017		Ø 7.2mm	Ø 8.0mm	178mm

2.1 | VARIOUS INSTRUMENTS WORKING SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-044	Spine working sleeve, lateral window	Ø 6.5mm	Ø 7.5mm	125mm
MH-001-018		Ø 6.5mm	Ø 7.5mm	130mm
MH-001-020		Ø 6.5mm	Ø 7.5mm	178mm
MH-001-045		Ø 7.2mm	Ø 8.0mm	125mm
MH-001-019		Ø 7.2mm	Ø 8.0mm	130mm
MH-001-021		Ø 7.2mm	Ø 8.0mm	178mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-022	Spine working sleeve, long window	Ø 6.5mm	Ø 7.5mm	130mm
MH-001-024		Ø 6.5mm	Ø 7.5mm	178mm
MH-001-023		Ø 7.2mm	Ø 8.0mm	130mm
MH-001-025		Ø 7.2mm	Ø 8.0mm	178mm

2.1 | VARIOUS INSTRUMENTS WORKING SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-042	Spine working sleeve, oblique window	Ø 6.5mm	Ø 7.5mm	125mm
MH-001-026		Ø 6.5mm	Ø 7.5mm	130mm
MH-001-028		Ø 6.5mm	Ø 7.5mm	178mm
MH-001-043		Ø 7.2mm	Ø 8.0mm	125mm
MH-001-027		Ø 7.2mm	Ø 8.0mm	130mm
MH-001-029		Ø 7.2mm	Ø 8.0mm	178mm
MH-001-056		Ø 8.5mm	Ø 9.5mm	94mm
MH-001-057		Ø 8.5mm	Ø 9.5mm	100mm
MH-001-058		Ø 10.2mm	Ø 11.2mm	94mm
MH-001-051		Ø 10.2mm	Ø 11.0mm	95mm
MH-001-059		Ø 10.2mm	Ø 11.2mm	100mm
MH-001-052		Ø 10.2mm	Ø 11.0mm	120.5mm
MH-001-053		Ø 10.2mm	Ø 11.0mm	134mm
MH-001-054		Ø 10.2mm	Ø 11.0mm	178mm

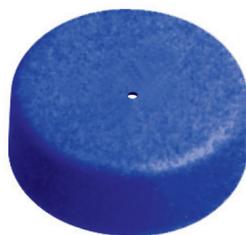
2.1 | VARIOUS INSTRUMENTS WORKING SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-050	Spine working sleeve, elevator tip	Ø 6.5mm	Ø 7.5mm	105mm
MH-001-040		Ø 6.5mm	Ø 7.5mm	125mm
MH-001-049		Ø 6.5mm	Ø 7.5mm	189mm
MH-001-047		Ø 7.2mm	Ø 8.0mm	105mm
MH-001-041		Ø 7.2mm	Ø 8.0mm	125mm
MH-001-033		Ø 7.2mm	Ø 8.0mm	178mm
MH-001-048		Ø 7.2mm	Ø 8.0mm	189mm
MH-001-046		Ø 7.2mm	Ø 8.0mm	204mm
MH-001-038		Spine working sleeve, short elevator tip	Ø 6.5mm	Ø 7.5mm
MH-001-039	Ø 7.2mm		Ø 8.0mm	125mm

2.1 | VARIOUS INSTRUMENTS

ACCESSORIES FOR SPINE WORKING SLEEVES AND ENDOSCOPES



Ordering no.	Description
MJ-001-001	Sealing cap for SPINE endoscopes, 1 pieces
MJ-020-002	Sealing cap for SPINE endoscopes, 10 pieces/pack
MJ-020-001	Sealing cap for SPINE working sleeves, 10 pieces/pack



Ordering no.	Description	Diameter
MB-010-001	Stopper, adjustable	Ø 2.0-4.0mm
MB-010-002		Ø 5.2-7.1mm
MB-010-003		Ø 7.5-10.0mm

2.1 | VARIOUS INSTRUMENTS CLEANING AND MAINTENANCE



Ordering no.	Description
EJ-030-010	Cleaning pistol complete inclusive 8 different tips



Ordering no.	Description	Diameter
EJ-030-001	Cleaning brush, length 420mm	Ø 3.0mm
EJ-030-002	Cleaning brush, length 330mm	Ø 5.0mm
EJ-030-003		Ø 10.0mm



Ordering no.	Description
EJ-030-031	Special grease for stopcocks, valves and instruments, tube with 3 grams

3. FORCEPS

3.1 | ADVANCED FORCEPS WITH LUER-LOCK

3.2 | FORCEPS WITH LUER-LOCK

3.3 | POWERLINE FORCEPS

3. FORCEPS



3.1 | ADVANCED FORCEPS WITH LUER-LOCK SCISSORS & PUNCHES



	Description	Diameter	Working length	Ordering No.
	Hook scissors	Ø 2.5mm	260mm	MD-002-002
		Ø 2.5mm	330mm	MD-002-001
		Ø 3.5mm	260mm	MD-002-005
		Ø 3.5mm	330mm	MD-002-003
	Scissors punch	Ø 2.5mm	260mm	MD-002-014
		Ø 2.5mm	330mm	MD-002-010
		Ø 3.0mm	260mm	MD-002-017
		Ø 3.0mm	330mm	MD-002-022
		Ø 3.5mm	260mm	MD-002-016
		Ø 3.5mm	330mm	MD-002-011
	DUCKLING basket punch	Ø 2.5mm	260mm	MD-001-078
		Ø 2.5mm	330mm	MD-001-077
		Ø 3.5mm	260mm	MD-001-076
		Ø 3.5mm	330mm	MD-001-075

3.1 | ADVANCED FORCEPS WITH LUER-LOCK BIOPSY GRASPING FORCEPS



	Description	Diameter	Working length	Ordering No.
	Biopsy grasping forceps	Ø 2.0mm	260mm	MD-001-011
		Ø 2.0mm	330mm	MD-001-021
		Ø 2.5mm	260mm	MD-001-013
		Ø 2.5mm	330mm	MD-001-001
		Ø 3.0mm	260mm	MD-001-016
		Ø 3.0mm	330mm	MD-001-003
		Ø 3.5mm	260mm	MD-001-014
		Ø 3.5mm	330mm	MD-001-004
		Ø 4.0mm	260mm	MD-001-015
		Ø 4.0mm	330mm	MD-001-005
		Ø 4.5mm	260mm	MD-001-018
	Biopsy grasping forceps, atraumatic spoon	Ø 2.0mm	330mm	MD-001-062
		Ø 2.5mm	330mm	MD-001-054
		Ø 3.5mm	260mm	MD-001-065
		Ø 3.5mm	330mm	MD-001-063
		Ø 4.0mm	330mm	MD-001-064
	BLAKESLY biopsy grasping forceps	Ø 2.5mm	260mm	MD-001-108
		Ø 2.5mm	330mm	MD-001-106
		Ø 3.5mm	260mm	MD-001-109
		Ø 3.5mm	330mm	MD-001-107

3.1 | ADVANCED FORCEPS WITH LUER-LOCK MICRO BIOPSY GRASPING FORCEPS



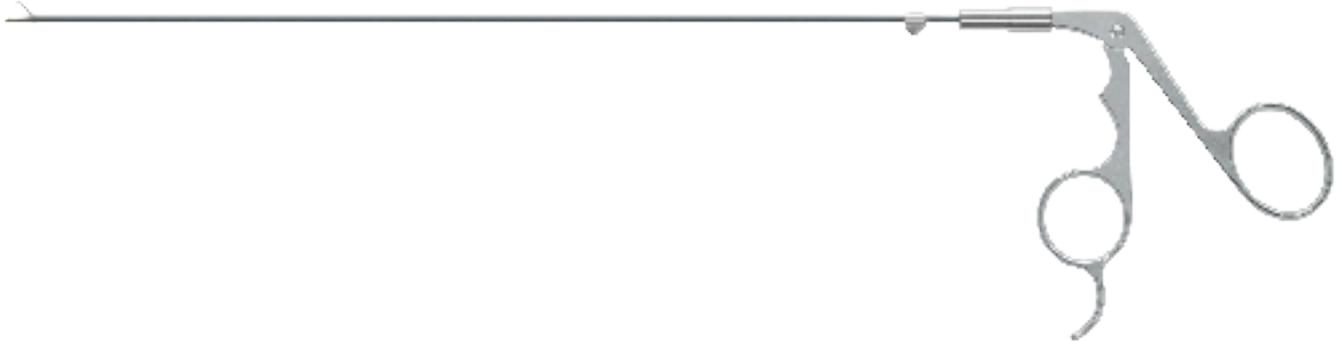
	Description	Diameter	Working length	Ordering No.
	Micro biopsy grasping forceps	Ø 2.0mm	330mm	MD-001-025
		Ø 2.5mm	260mm	MD-001-029
		Ø 2.5mm	330mm	MD-001-026
		Ø 3.5mm	260mm	MD-001-030
		Ø 3.5mm	330mm	MD-001-027
		Ø 4.0mm	260mm	MD-001-031
		Ø 4.0mm	330mm	MD-001-028
	Micro biopsy grasping forceps, jaw upward	Ø 2.0mm	260mm	MD-001-035
		Ø 2.0mm	330mm	MD-001-032
		Ø 2.5mm	260mm	MD-001-034
		Ø 2.5mm	330mm	MD-001-033

3.2 | FORCEPS WITH LUER-LOCK SCISSORS & PUNCHES



	Description	Diameter	Working length	Ordering No.
	Hook scissors	Ø 2.0mm	260mm	MD-002-004
	Scissors punch	Ø 2.0mm	260mm	MD-002-013
	Scissors punch, jaw upward 15°	Ø 2.5mm	260mm	MD-002-015
		Ø 2.5mm	330mm	MD-002-012
	Scissors punch, jaw upward 25°	Ø 2.5mm	260mm	MD-002-018
		Ø 2.5mm	330mm	MD-002-019
	Scissors punch, jaw upward 45°	Ø 2.5mm	260mm	MD-002-020
		Ø 2.5mm	330mm	MD-002-021
	Hook punch	Ø 2.0mm	260mm	MD-001-115
		Ø 2.5mm	260mm	MD-001-112
		Ø 2.5mm	330mm	MD-001-110
		Ø 3.5mm	260mm	MD-001-113
		Ø 3.5mm	330mm	MD-001-111

3.2 | FORCEPS WITH LUER-LOCK BIOPSY GRASPING FORCEPS



	Description	Diameter	Working length	Ordering No.
	Biopsy grasping forceps, double action	Ø 2.0mm	260mm	MD-001-012
	Biopsy grasping forceps, jaw upward	Ø 2.5mm	330mm	MD-001-002
	Biopsy grasping forceps, teethed spoon	Ø 2.0mm	330mm	MD-001-050
		Ø 2.5mm	260mm	MD-001-047
		Ø 2.5mm	330mm	MD-001-051
		Ø 3.5mm	260mm	MD-001-048
		Ø 3.5mm	330mm	MD-001-052
		Ø 4.0mm	260mm	MD-001-049
		Ø 4.0mm	330mm	MD-001-053

3.2 | FORCEPS WITH LUER-LOCK BIOPSY GRASPING FORCEPS



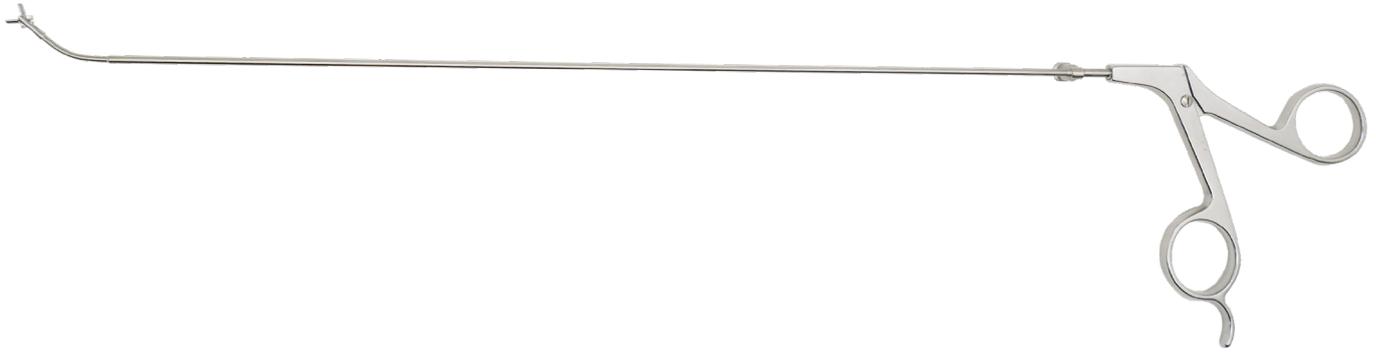
	Description	Diameter	Working length	Ordering No.
	Biopsy grasping forceps, teethed, sharp spoon	Ø 2.0mm	260mm	MD-001-080
		Ø 2.0mm	330mm	MD-001-085
		Ø 2.5mm	260mm	MD-001-081
		Ø 2.5mm	330mm	MD-001-086
		Ø 3.0mm	260mm	MD-001-082
		Ø 3.0mm	330mm	MD-001-087
		Ø 3.5mm	260mm	MD-001-083
		Ø 3.5mm	330mm	MD-001-088
		Ø 4.0mm	260mm	MD-001-084
		Ø 4.0mm	330mm	MD-001-089
	Biopsy grasping forceps, jaw upward	Ø 2.5mm	330mm	MD-001-096
	WAVE grasping forceps	Ø 3.5mm	330mm	MD-001-060
	Grasping & Biopsy grasping forceps, teethed spoon	Ø 2.0mm	330mm	MD-001-067
		Ø 2.5mm	330mm	MD-001-068
		Ø 3.5mm	330mm	MD-001-069
		Ø 4.0mm	330mm	MD-001-061

3.2 | FORCEPS WITH LUER-LOCK ALLIGATOR GRASPING FORCEPS | RIGID



Description	Diameter	Working length	Ordering No.
Alligator grasping forceps	Ø 2.0mm	260mm	MD-001-058
	Ø 2.0mm	330mm	MD-001-056
	Ø 3.5mm	330mm	MD-001-057
Alligator grasping forceps, jaw upward	Ø 2.5mm	330mm	MD-001-059
Alligator grasping forceps, jaw opening left	Ø 2.0mm	330mm	MD-001-070
Alligator grasping forceps, jaw opening right	Ø 2.0mm	330mm	MD-001-071
Alligator grasping forceps, double action	Ø 2.0mm	260mm	MD-001-072

3.2 | FORCEPS WITH LUER-LOCK ALLIGATOR GRASPING FORCEPS | SEMI-RIGID



	Description	Diameter	Working length	Ordering No.
	Alligator grasping forceps, double action, semi-rigid	Ø 2.5mm	260mm	MD-001-102
		Ø 2.5mm	330mm	MD-001-100
		Ø 3.0mm	260mm	MD-001-103
		Ø 3.0mm	330mm	MD-001-101
	Alligator grasping forceps, semi-rigid, jaw opening upward	Ø 2.5mm	260mm	MD-001-104
	Alligator grasping forceps, semi-rigid, jaw opening downward	Ø 2.5mm	260mm	MD-001-105
	Alligator grasping forceps, double action, flexible, jaw opening vertical	Ø 2.5mm	330mm	MD-001-116
	Grasping and biopsy forceps, teathed spoon, downwards opening	Ø 2.5mm	330mm	MD-001-097
	Grasping and biopsy forceps, teathed spoon, upwards opening	Ø 2.5mm	330mm	MD-001-098
	Grasping and biopsy forceps, double action, semi-rigid	Ø 2.2mm	330mm	MD-001-099
	Toothed biopsy grasping forceps, sharp, single action, flexible tip	Ø 2.5mm	330mm	MD-001-117
		Ø 3.0mm	260mm	MD-001-118
		Ø 3.0mm	330mm	MD-001-119

3.3 | POWERLINE FORCEPS

POWERLINE BIOPSY FORCEPS



	Description	Diameter	Working length	Ordering No.
	POWERLINE biopsy forceps	Ø 2.8mm	260mm	MD-001-120
		Ø 2.8mm	330mm	MD-001-121
		Ø 3.0mm	260mm	MD-001-122
		Ø 3.0mm	330mm	MD-001-123
		Ø 3.5mm	330mm	MD-001-124
		Ø 4.0mm	330mm	MD-001-125
	POWERLINE biopsy forceps for working channel 4.3mm, jaw upward	Ø 2.8mm	330mm	MD-001-130
		Ø 2.8mm	330mm	MD-001-131
	POWERLINE hook punch	Ø 3.5mm	330mm	MD-001-126
		Ø 4.0mm	330mm	MD-001-127
	POWERLINE hook punch, jaw upward	Ø 3.5mm	260mm	MD-001-128
		Ø 3.5mm	330mm	MD-001-129

4. RONGEURS

4.1 | KERRISON RONGEURS DETACHABLE

4.2 | KERRISON RONGEURS BLACK COATED DETACHABLE

4. RONGEURS

1 KERRISON RONGEURS DETACHABLE

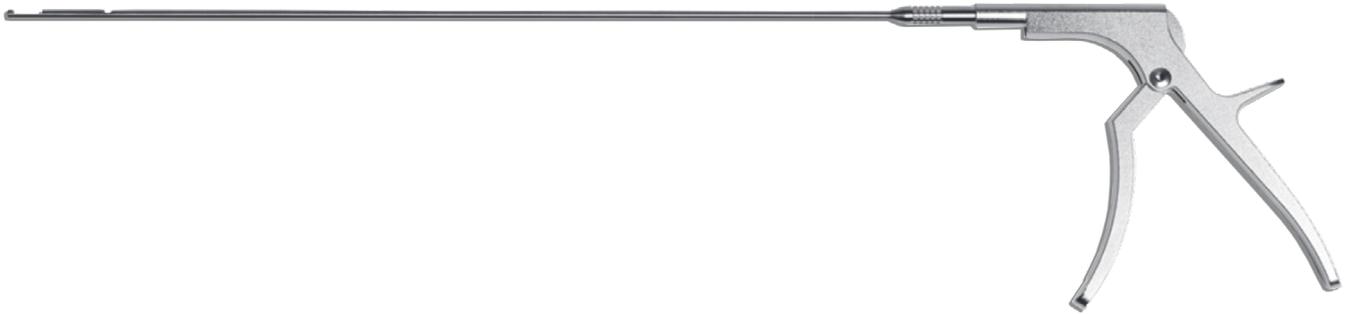


2 KERRISON RONGEURS BLACK COATED DETACHABLE



4.1 | RONGEURS

KERRISON RONGEURS DETACHABLE | 40°



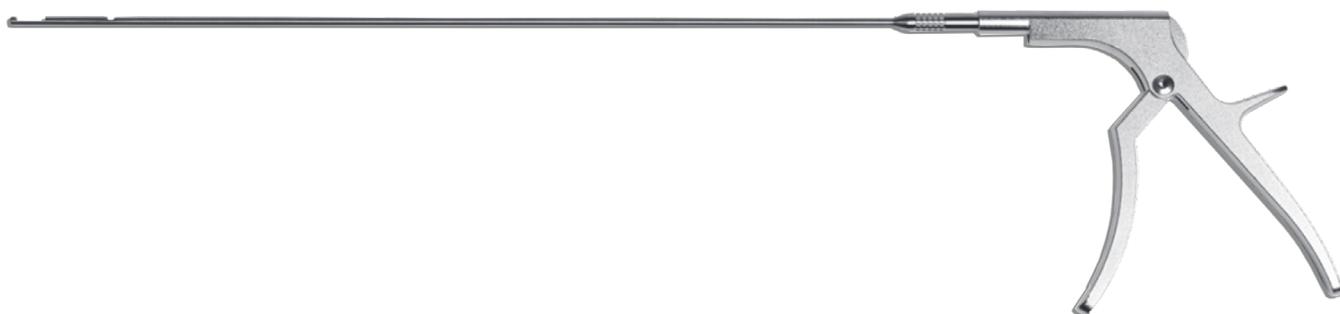
Ordering no.	Description
MD-003-019	Handle for KERRISON rongeurs



Description	Width of bite	Working length	Insert only	Instrument complete
KERRISON rongeur, upwards cutting 40°	Ø 3.0mm	200mm	MD-003-007-T	MD-003-046
	Ø 3.0mm	260mm	MD-003-008-T	MD-003-047
	Ø 3.0mm	300mm	MD-003-006-T	MD-003-045
	Ø 3.0mm	360mm	MD-003-005-T	MD-003-044
	Ø 3.5mm	200mm	MD-003-052-T	MD-003-032
	Ø 3.5mm	260mm	MD-003-041-T	MD-003-021
	Ø 3.5mm	300mm	MD-003-056-T	MD-003-036
	Ø 3.5mm	360mm	MD-003-044-T	MD-003-024
	Ø 4.0mm	200mm	MD-003-053-T	MD-003-033
	Ø 4.0mm	260mm	MD-003-042-T	MD-003-022
	Ø 4.0mm	300mm	MD-003-058-T	MD-003-038
	Ø 4.0mm	360mm	MD-003-045-T	MD-003-025
	Ø 5.0mm	260mm	MD-003-009-T	MD-003-048
	Ø 6.0mm	260mm	MD-003-010-T	MD-003-049

4.1 | RONGEURS

KERRISON RONGEURS DETACHABLE | 90°



Ordering no.	Description
MD-003-019	Handle for KERRISON rongeurs



Description	Width of bite	Working length	Insert only	Instrument complete
KERRISON rongeur, upwards cutting 90°	Ø 3.0mm	200mm	MD-003-015-T	MD-003-054
	Ø 3.0mm	260mm	MD-003-016-T	MD-003-055
	Ø 3.0mm	300mm	MD-003-017-T	MD-003-056
	Ø 3.0mm	360mm	MD-003-018-T	MD-003-057
	Ø 3.5mm	200mm	MD-003-054-T	MD-003-034
	Ø 3.5mm	260mm	MD-003-047-T	MD-003-027
	Ø 3.5mm	300mm	MD-003-057-T	MD-003-037
	Ø 3.5mm	360mm	MD-003-050-T	MD-003-030
	Ø 4.0mm	200mm	MD-003-055-T	MD-003-035
	Ø 4.0mm	260mm	MD-003-048-T	MD-003-028
	Ø 4.0mm	300mm	MD-003-059-T	MD-003-039
	Ø 4.0mm	360mm	MD-003-051-T	MD-003-031
	Ø 5.0mm	260mm	MD-003-019-T	MD-003-058
	Ø 6.0mm	260mm	MD-003-020-T	MD-003-059

4.2 | RONGEURS

KERRISON RONGEURS DETACHABLE | BLACK COATED | 40°



Ordering no.	Description
MD-003-019-AC	Handle for KERRISON rongeurs



Description	Width of bite	Working length	Insert only	Instrument complete
KERRISON rongeur, upwards cutting 40°	Ø 3.0mm	200mm	MD-003-007-TC	MD-003-046-C
	Ø 3.0mm	260mm	MD-003-008-TC	MD-003-047-C
	Ø 3.0mm	300mm	MD-003-006-TC	MD-003-045-C
	Ø 3.0mm	360mm	MD-003-005-TC	MD-003-044-C
	Ø 3.5mm	200mm	MD-003-052-TC	MD-003-032-C
	Ø 3.5mm	260mm	MD-003-041-TC	MD-003-021-C
	Ø 3.5mm	300mm	MD-003-056-TC	MD-003-036-C
	Ø 3.5mm	360mm	MD-003-044-TC	MD-003-024-C
	Ø 4.0mm	200mm	MD-003-053-TC	MD-003-033-C
	Ø 4.0mm	260mm	MD-003-042-TC	MD-003-022-C
	Ø 4.0mm	300mm	MD-003-058-TC	MD-003-038-C
	Ø 4.0mm	360mm	MD-003-045-TC	MD-003-025-C
	Ø 5.0mm	260mm	MD-003-009-TC	MD-003-048-C
	Ø 6.0mm	260mm	MD-003-010-TC	MD-003-049-C

4.2 | RONGEURS

KERRISON RONGEURS DETACHABLE | BLACK COATED | 90°



Ordering no.	Description
MD-003-019-AC	Handle for KERRISON rongeurs



Description	Width of bite	Working length	Insert only	Instrument complete
KERRISON rongeur, upwards cutting 90°	Ø 3.0mm	200mm	MD-003-015-TC	MD-003-054-C
	Ø 3.0mm	260mm	MD-003-016-TC	MD-003-055-C
	Ø 3.0mm	300mm	MD-003-017-TC	MD-003-056-C
	Ø 3.0mm	360mm	MD-003-018-TC	MD-003-057-C
	Ø 3.5mm	200mm	MD-003-054-TC	MD-003-034-C
	Ø 3.5mm	260mm	MD-003-047-TC	MD-003-027-C
	Ø 3.5mm	300mm	MD-003-057-TC	MD-003-037-C
	Ø 3.5mm	360mm	MD-003-050-TC	MD-003-030-C
	Ø 4.0mm	200mm	MD-003-055-TC	MD-003-035-C
	Ø 4.0mm	260mm	MD-003-048-TC	MD-003-028-C
	Ø 4.0mm	300mm	MD-003-059-TC	MD-003-039-C
	Ø 4.0mm	360mm	MD-003-051-TC	MD-003-031-C
	Ø 5.0mm	260mm	MD-003-019-TC	MD-003-058-C
	Ø 6.0mm	260mm	MD-003-020-TC	MD-003-059-C

5. PUNCHES

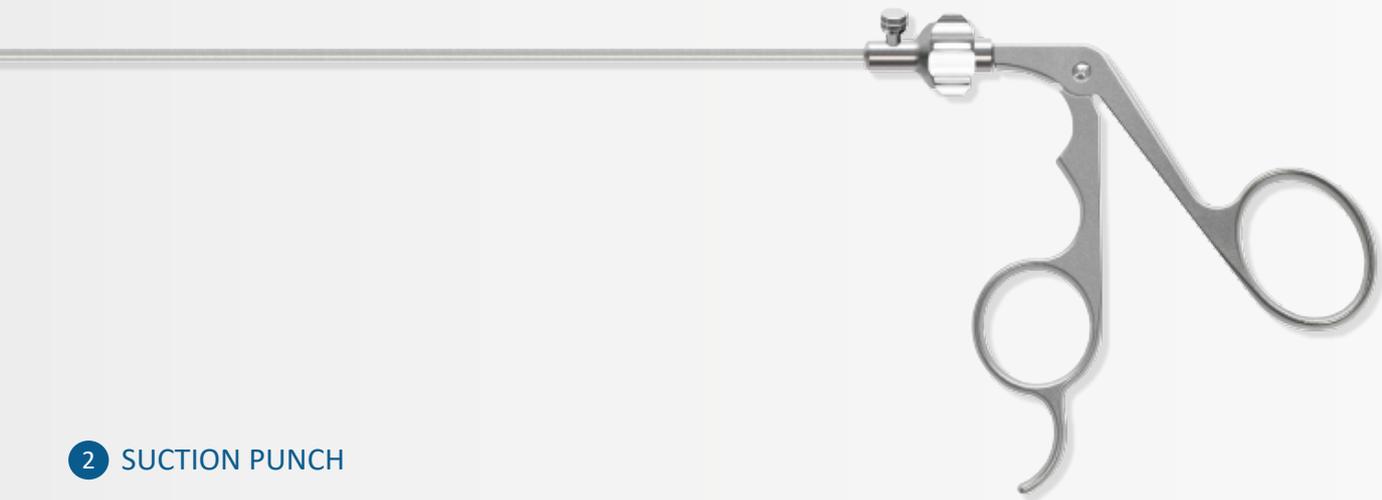
5.2 | ENDO-KERRISON PUNCHES & SUCTION PUNCHES

5.3 | PUNCHES 90° & CURETTES

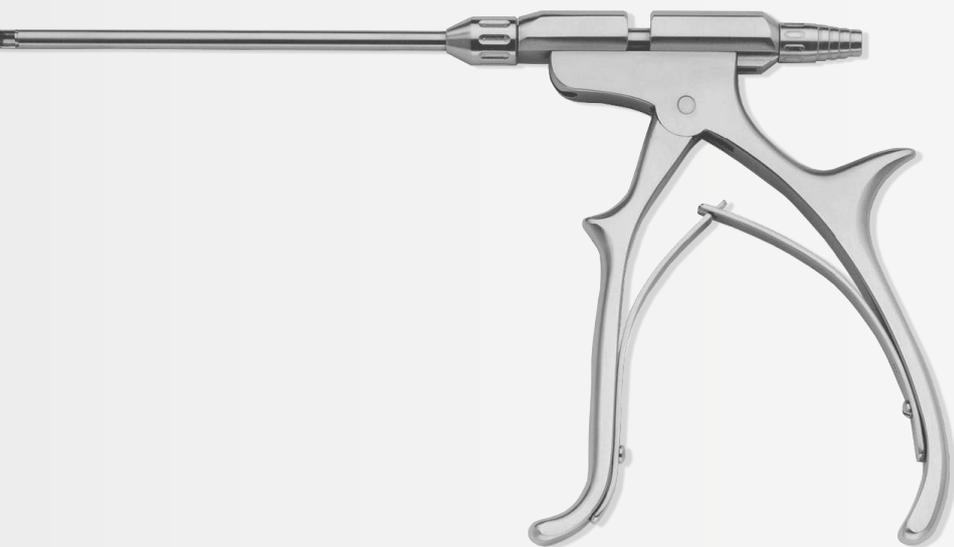


5. PUNCHES

1 ENDO-KERRISON PUNCH



2 SUCTION PUNCH



3 PUNCH 90°

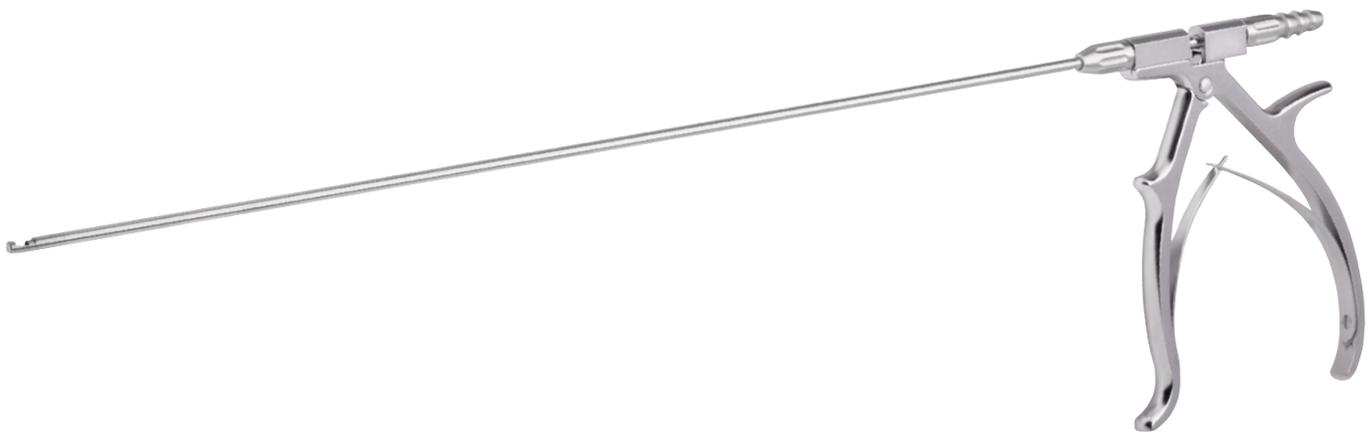


5.1 | PUNCHES

ENDO-KERRISON PUNCHES ROTATABLE | SUCTION PUNCHES ROTATABLE



Description	Diameter	Working length	Ordering No.
 ENDO-KERRISON punch, rotatable, upwards cutting 40°	Ø 2.0mm	260mm	MD-003-000
	Ø 3.0mm	330mm	MD-003-006
	Ø 3.5mm	330mm	MD-003-001
	Ø 4.0mm	330mm	MD-003-002
 ENDO-KERRISON punch, rotatable, upwards cutting 90°	Ø 3.0mm	330mm	MD-003-007
	Ø 3.5mm	330mm	MD-003-004
	Ø 4.0mm	330mm	MD-003-005



Ordering no.	Description
MD-004-001	SPINE suction punch, rotatable, detachable, Ø 3.5mm , working length 330mm
MD-004-002	SPINE suction punch, rotatable, detachable, Ø 5.0mm , working length 330mm

5.2 | PUNCHES

PUNCHES 90° | CURETTES



Description	Width of bite	Working length	Ordering No.
Punch 90°	Ø 3.5mm	330mm	MD-003-011
	Ø 4.0mm	330mm	MD-003-012



Description	Diameter	Working length	Ordering No.
Curette, spoon bendable	Ø 2.0mm	260mm	MD-003-015
	Ø 3.5mm	330mm	MD-003-016
	Ø 4.0mm	330mm	MD-003-017
	Ø 5.0mm	330mm	MD-003-018

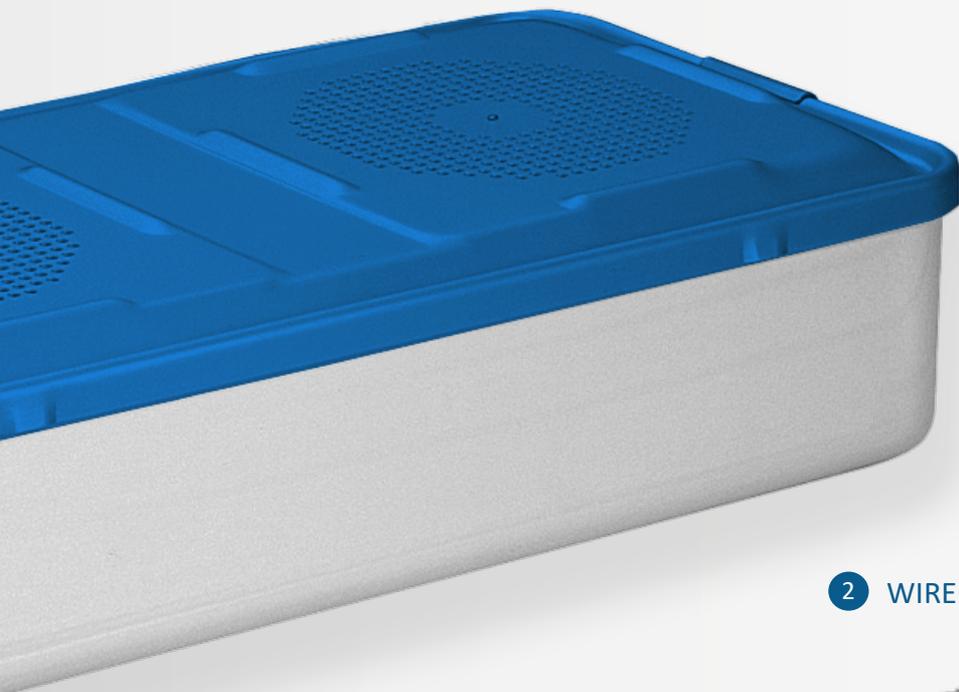
6. STERILIZATION

6.1 | CONTAINER, WIRE BASKET & SILICONE MAT

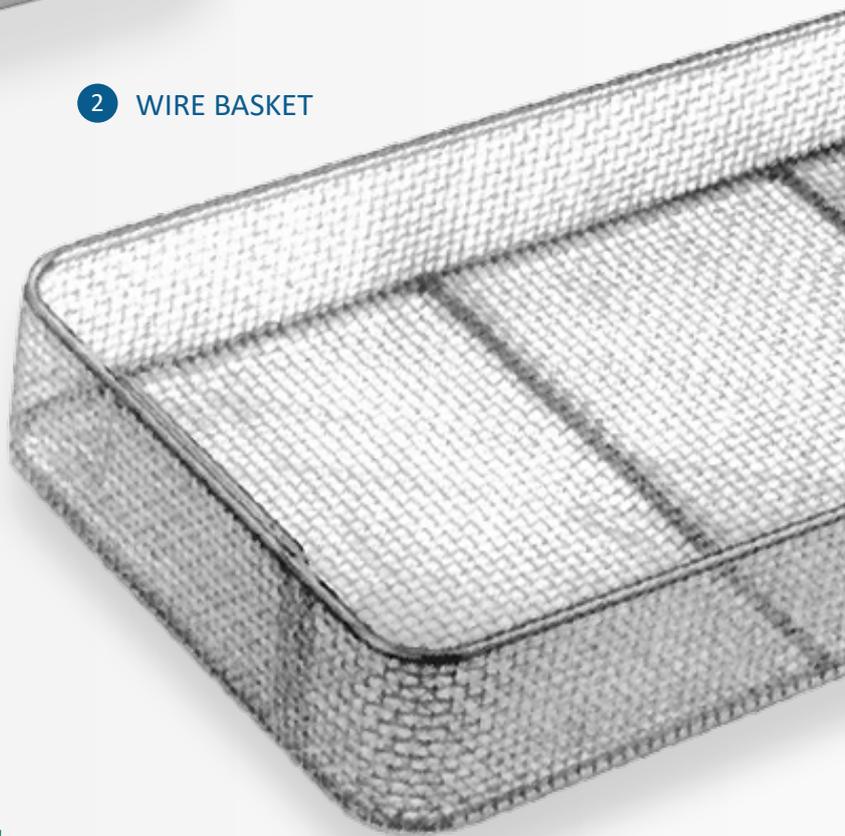


6. STERILIZATION

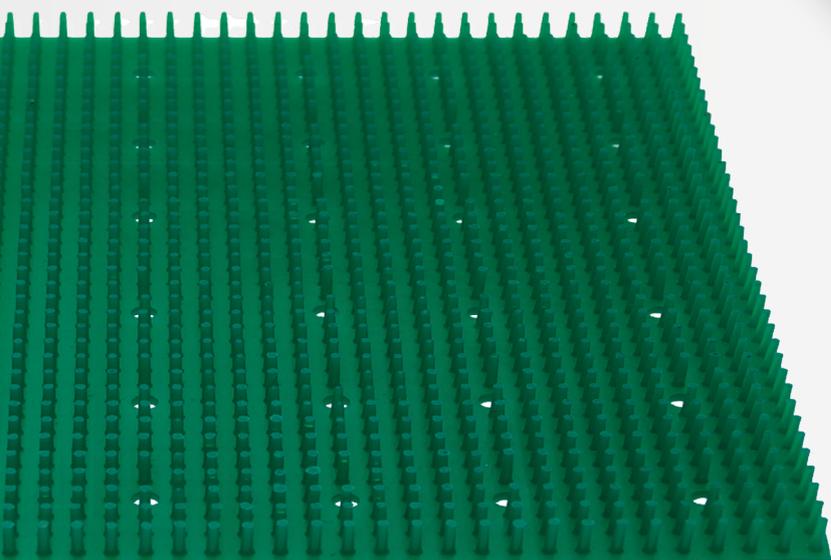
1 CONTAINER



2 WIRE BASKET



3 SILICONE MAT



6.1 | STERILIZATION

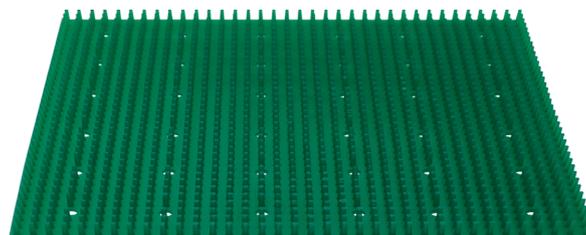
CONTAINER | WIRE BASKET | SILICONE MAT



Ordering no.	Description
FA-110-150-B	Standard container, lid perforated / bottom non perforated, 580x280x150mm , blue



Ordering No	Description
FA-191-050	Wire basket, 540x255x50mm
FA-191-070	Wire basket, 540x255x70mm



Ordering no.	Description
FA-110-150-B	Silicone mat, 520x230mm

7. SETS

7.1 | TRANSFORAMINAL SET

7.2 | INTERLAMINAR SET

7.3 | SPINAL STENOSIS SET

7.1. TRANSFORAMINAL SET

MA-999-000

1 HD SPINE ENDOSCOPE

direction of view 30°, outer diameter 6.3mm,
working channel \varnothing 3.75mm, 2 x irrigation
channel \varnothing 1.5mm, opening angle 80°,
view 45° angled, WL 181mm

2 SPINE WORKING SLEEVE

standard, inner \varnothing 6.5mm, outer \varnothing 7.5mm,
WL 178mm

3 CERVICAL DILATATION SLEEVE

straight, inner \varnothing 3.8mm, outer \varnothing 4.1mm,
WL 100mm

4 DILATATOR WL 230MM

inner \varnothing 1.0mm, outer \varnothing 2.5mm
inner \varnothing 1.5mm, outer \varnothing 4.0mm
inner \varnothing 2.0mm, outer \varnothing 5.0mm

5 DILATATOR CONICAL WL 230MM

inner \varnothing 1.0mm, outer \varnothing 2.5mm
inner \varnothing 1.5mm, outer \varnothing 4.0mm
inner \varnothing 2.0mm, outer \varnothing 5.0mm

6 2 x DILATATOR CURVED WL 230MM

inner \varnothing 1.0mm, outer \varnothing 2.5mm

7 DILATATOR CONICAL

inner \varnothing 1.0mm, outer \varnothing 2.5mm, WL 230mm
inner \varnothing 4.2mm, outer \varnothing 5.1mm, WL 170mm
inner \varnothing 5.2mm, outer \varnothing 6.0mm, WL 160mm

8 PROBE

\varnothing 2.5mm, WL 310mm

9 HOOK PROBE

\varnothing 2.5mm, WL 310mm

10 DISSECTION PALPATION PROBE

\varnothing 2.5mm, WL 350mm

1 MA-002-003



2 MH-001-012



3 MH-002-020



4 MH-002-030 MH-002-031 MH-002-032



5 MH-002-033 MH-002-034 MH-002-035



6 MH-002-036



7 MH-002-037 MH-002-038 MH-002-039



8 MD-004-010



9 MD-004-011



10 MD-004-015



7.1. TRANSFORAMINAL SET

MA-999-000

11 BIOPSY GRASPING FORCEPS

Ø 2.5mm, WL 330mm

Ø 3.5mm, WL 330mm

Ø 4.0mm, WL 330mm

12 MICRO BIOPSY GRASPING FORCEPS

jaw upward, Ø 2.5mm, WL 330mm

13 BIOPSY GRASPING FORCEPS

teethed, sharp spoon, Ø 3.5mm, WL 330mm

14 ALLIGATOR GRASPING FORCEPS

double action, semi-rigid, Ø 2.5mm, WL 330mm

15 KERRISON RONGEURS, WL 360MM

upwards cutting 40°, width of bite Ø 2.0mm

16 KERRISON RONGEURS, WL 360MM

upwards cutting 90°, width of bite Ø 2.0mm

17 STEMA GUIDING ROD FORCEPS

18cm

18 METAL HAMMER

Ø 30mm, WL 240mm

19 STEEL RULER

30cm

20 STOPPER ADJUSTABLE

Ø 2.5mm

Ø 3.5mm

21 STANDARD CONTAINER

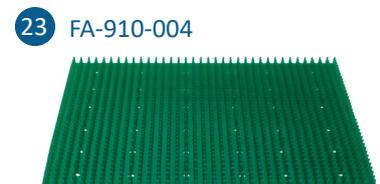
580 x 280 x 150mm, lid perforated,
bottom non perforated, blue

22 2 x WIRE BASKET

540 x 255 x 70mm

23 2 x SILICONE MAT

520 x 230mm



7.1. TRANSFORAMINAL SET XL

MA-999-001

1 HD SPINE ENDOSCOPE

direction of view 30°, outer diameter 6.3mm, working channel \varnothing 3.75mm, 2 x irrigation channel \varnothing 1.5mm, opening angle 80°, view 45° angled, WL 208mm

2 SPINE WORKING SLEEVE

standard, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 178mm

standard, inner \varnothing 7.2mm, outer \varnothing 8.0mm, WL 178mm

3 SPINE WORKING SLEEVE

lateral window, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 178mm

4 DILATATOR WL 230MM

inner \varnothing 1.0mm, outer \varnothing 2.5mm

inner \varnothing 1.5mm, outer \varnothing 4.0mm

inner \varnothing 2.0mm, outer \varnothing 5.0mm

5 DILATATOR CONICAL WL 230MM

inner \varnothing 1.0mm, outer \varnothing 2.5mm

inner \varnothing 1.5mm, outer \varnothing 4.0mm

inner \varnothing 2.0mm, outer \varnothing 5.0mm

6 2 x DILATATOR CURVED WL 230MM

inner \varnothing 1.0mm, outer \varnothing 2.5mm

7 DILATATOR CONICAL

inner \varnothing 1.0mm, outer \varnothing 2.5mm, WL 230mm

8 DILATATOR 2-CHANNEL

\varnothing 6.3mm, WL 225mm

9 PROBE

\varnothing 2.5mm, WL 310mm

10 HOOK PROBE

\varnothing 2.5mm, WL 310mm

11 TROCAR

\varnothing 3.0mm, WL 310mm

1 MA-002-005



2 MH-001-011 MH-001-012



3 MH-001-020



4 MH-002-030 MH-002-031 MH-002-032



5 MH-002-033 MH-002-034 MH-002-035



6 MH-002-036



7 MH-002-037



8 MD-004-010



9 MD-004-010



10 MD-004-011



11 MD-004-014



7.1. TRANSFORAMINAL SET XL

MA-999-001

12 BIOPSY GRASPING FORCEPS

Ø 2.5mm, WL 330mm

Ø 3.5mm, WL 330mm

Ø 4.0mm, WL 330mm

13 MICRO BIOPSY GRASPING FORCEPS

jaw upward, Ø 2.5mm, WL 330mm

14 BIOPSY GRASPING FORCEPS

teethed, sharp spoon, Ø 3.5mm, WL 330mm

15 ALLIGATOR GRASPING FORCEPS

double action, semi-rigid, Ø 2.5mm, WL 330mm

16 KERRISON RONGEURS, WL 360MM

upwards cutting 40°, width of bite Ø 2.0mm

17 KERRISON RONGEURS, WL 360MM

upwards cutting 90°, width of bite Ø 2.0mm

18 STEMA GUIDING ROD FORCEPS

18cm

19 METAL HAMMER

Ø 30mm, WL 240mm

20 STEEL RULER

30cm

21 STOPPER ADJUSTABLE

Ø 2.5mm

Ø 3.5mm

Ø 4.0mm

22 STANDARD CONTAINER

580 x 280 x 150mm, lid perforated,
bottom non perforated, blue

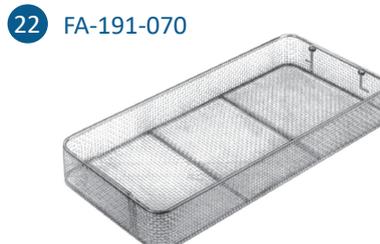
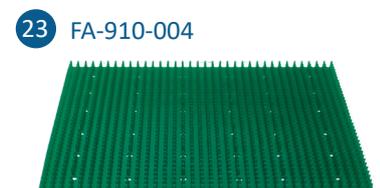
23 WIRE BASKET

540 x 255 x 50mm

540 x 255 x 70mm

24 2 x SILICONE MAT

520 x 230mm



7.2. INTERLAMINAR SET

MA-999-002

1 HD SPINE ENDOSCOPE

direction of view 30°, outer diameter 6.3mm, working channel \varnothing 3.75mm, 2 x irrigation channel \varnothing 1.5mm, opening angle 80°, view 45° angled, WL 181mm

2 SPINE WORKING SLEEVES

straight, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 178mm

dual window, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 130mm

dual window, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 178mm

lateral window, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 178mm

oblique window, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 178mm

3 DILATATOR 2-CHANNEL

\varnothing 6.3mm, WL 225mm

4 DILATATOR CONICAL

inner \varnothing 1.0mm, outer \varnothing 2.5mm, WL 230mm

inner \varnothing 1.5mm, outer \varnothing 4.0mm, WL 230mm

inner \varnothing 2.0mm, outer \varnothing 5.0mm, WL 230mm

5 DILATATOR CONICAL

inner \varnothing 1.0mm, outer \varnothing 2.5mm, WL 230mm

inner \varnothing 4.2mm, outer \varnothing 5.1mm, WL 170mm

inner \varnothing 5.2mm, outer \varnothing 6.0mm, WL 160mm

6 CHISEL

\varnothing 3.0mm, WL 310mm

7 TROCAR

\varnothing 3.0mm, WL 310mm

1 MA-002-003



2 MH-001-012



MH-001-014 MH-001-016



MH-001-020



MH-001-028



3 MH-002-012



4 MH-002-033 MH-002-034 MH-002-035



5 MH-002-037 MH-002-038 MH-002-039



6 MD-004-013



7 MD-004-014



7.2. INTERLAMINAR SET

MA-999-002

8 ENDO-KERRISON PUNCH, WL 330MM
upwards cutting 40°, width of bite Ø 3.5mm

9 ENDO-KERRISON PUNCH, WL 330MM
upwards cutting 90°, width of bite Ø 3.5mm

10 HOOK PUNCH
Ø 2.5mm, WL 330mm

11 BLAKESLEY GRASPING FORCEPS
Ø 3.5mm, WL 330mm

12 MICRO BIOPSY GRASPING FORCEPS
jaw upward, Ø 2.0mm, WL 330mm

13 BIOPSY GRASPING FORCEPS
teethed, sharp spoon, Ø 2.0mm, WL 260mm

14 HOOK SCISSORS
Ø 2.5mm, WL 260mm

15 ALLIGATOR GRASPING FORCEPS
double action, semi-rigid, Ø 2.5mm, WL 330mm

16 KERRISON RONGEUR, WL 360mm
upwards cutting 40°, width of bite 2.0mm

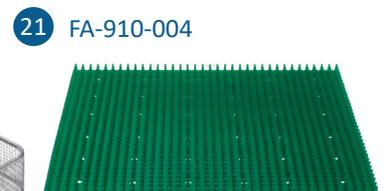
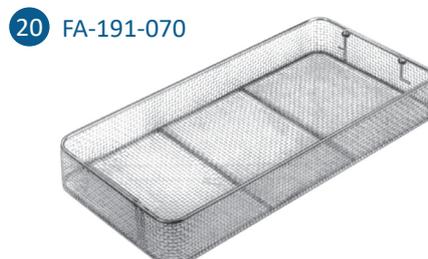
17 KERRISON RONGEUR, WL 360mm
upwards cutting 90°, width of bite 2.0mm

18 DISSECTION PALPATION PROBE
Ø 2.5mm, WL 350mm

19 STANDARD CONTAINER
580 x 280 x 150mm, lid perforated,
bottom non perforated, blue

20 WIRE BASKET
540 x 255 x 70mm

21 SILICONE MAT
520 x 230mm



7.2 INTERLAMINAR SET SHORT

MA-999-003

1 HD SPINE ENDOSCOPE

direction of view 30°, outer diameter 6.3mm, working channel \varnothing 3.75mm, 2 x irrigation channel \varnothing 1.5mm, opening angle 80°, view 45° angled, WL 181mm

1 MA-002-003



2 SPINE WORKING SLEEVES

straight, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 125mm

dual window, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 125mm

lateral window, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 125mm

oblique window, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 125mm

elevator tip, inner \varnothing 6.5mm, outer \varnothing 7.5mm, WL 125mm

2 MH-001-034



MH-001-036



MH-001-038



MH-001-042



MH-001-040



3 DILATATOR 2-CHANNEL

\varnothing 6.3mm, WL 225mm

3 MH-002-012



4 DILATATOR CONICAL

inner \varnothing 1.0mm, outer \varnothing 2.5mm, WL 230mm
inner \varnothing 1.5mm, outer \varnothing 4.0mm, WL 230mm
inner \varnothing 2.0mm, outer \varnothing 5.0mm, WL 230mm

4 MH-002-033

MH-002-034

MH-002-035



5 DILATATOR CONICAL

inner \varnothing 1.0mm, outer \varnothing 2.5mm, WL 230mm
inner \varnothing 4.2mm, outer \varnothing 5.1mm, WL 170mm
inner \varnothing 5.2mm, outer \varnothing 6.0mm, WL 160mm

5 MH-002-037

MH-002-038

MH-002-039



6 CHISEL

\varnothing 3.0mm, WL 310mm

6 MD-004-013



7 TROCAR

\varnothing 3.0mm, WL 310mm

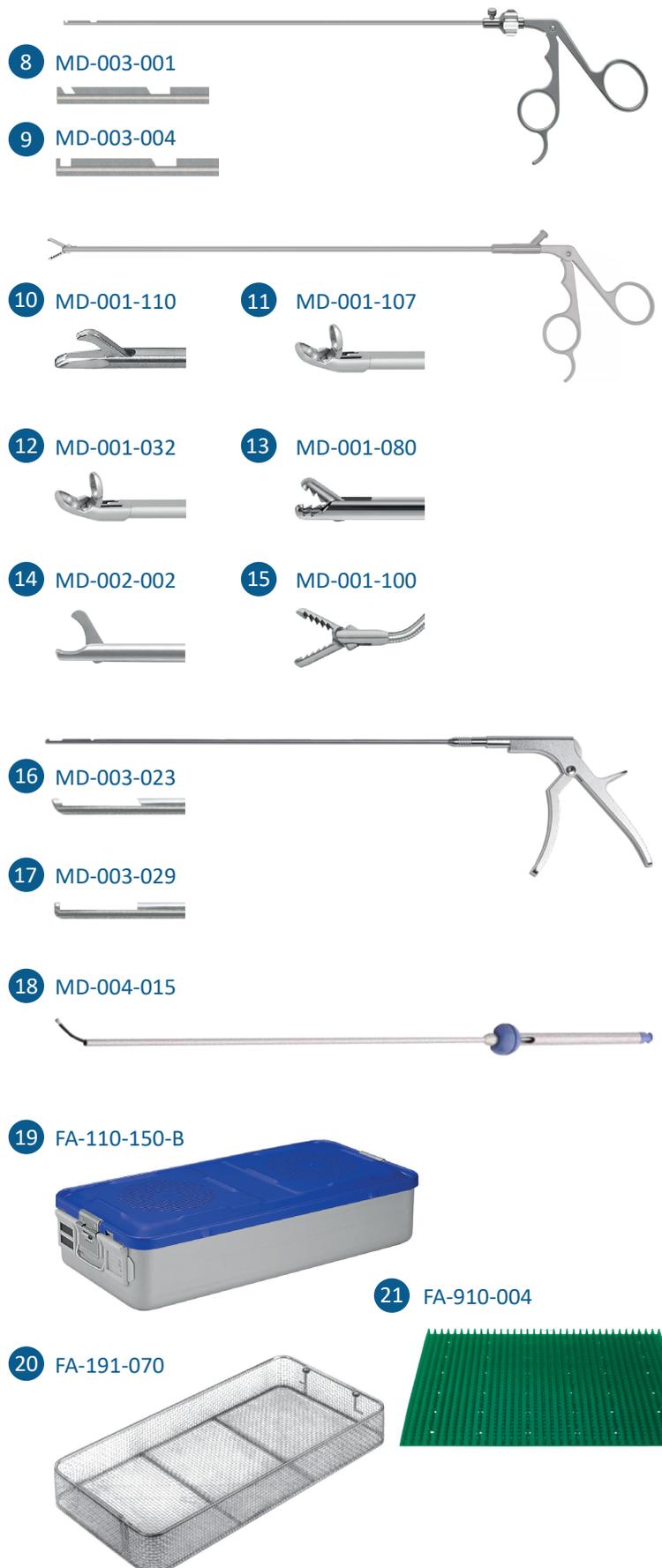
7 MD-004-014



7.2. INTERLAMINAR SET SHORT

MA-999-003

- 8 **ENDO-KERRISON PUNCH, WL 330MM**
upwards cutting 40°, width of bite Ø 3.5mm
- 9 **ENDO-KERRISON PUNCH, WL 330MM**
upwards cutting 90°, width of bite Ø 3.5mm
- 10 **HOOK PUNCH**
Ø 2.5mm, WL 330mm
- 11 **BLAKESLEY GRASPING FORCEPS**
Ø 3.5mm, WL 260mm
- 12 **MICRO BIOPSY GRASPING FORCEPS**
jaw upward, Ø 2.0mm, WL 330mm
- 13 **BIOPSY GRASPING FORCEPS**
teethed, sharp spoon, Ø 2.0mm, WL 260mm
- 14 **HOOK SCISSORS**
Ø 2.5mm, WL 260mm
- 15 **ALLIGATOR GRASPING FORCEPS**
double action, semi-rigid, Ø 2.5mm, WL 330mm
- 16 **KERRISON RONGEUR, WL 360mm**
upwards cutting 40°, width of bite 2.0mm
- 17 **KERRISON RONGEUR, WL 360mm**
upwards cutting 90°, width of bite 2.0mm
- 18 **DISSECTION PALPATION PROBE**
Ø 2.5mm, WL 350mm
- 19 **STANDARD CONTAINER**
580 x 280 x 150mm, lid perforated,
bottom non perforated, blue
- 20 **WIRE BASKET**
540 x 255 x 70mm
- 21 **SILICONE MAT**
520 x 230mm



7.3. SPINAL STENOSIS SET

MA-999-004

1 SPINE WORKING SLEEVES, WL 178MM

straight, inner \varnothing 6.5mm, outer \varnothing 7.5mm

dual window, inner \varnothing 6.5mm, outer \varnothing 7.5mm

lateral window, inner \varnothing 6.5mm, outer \varnothing 7.5mm

lateral window, inner \varnothing 7.2mm, outer \varnothing 8.0mm

elevator tip, inner \varnothing 6.5mm, outer \varnothing 7.5mm



2 DILATATOR CONICAL

inner \varnothing 5.2mm, outer \varnothing 6.0mm, WL 160mm



3 PROBE

\varnothing 2.5mm, WL 310mm



4 ANULOTOME

\varnothing 3.0mm, WL 310mm



5 CHISEL

\varnothing 3.0mm, WL 310mm



6 DISSECTION PALPATION PROBE

\varnothing 2.5mm, WL 350mm



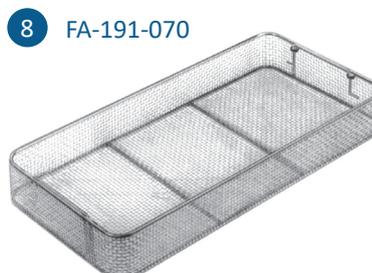
7 STANDARD CONTAINER

580 x 280 x 150mm, lid perforated,
bottom non perforated, blue



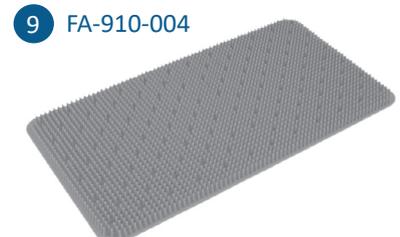
8 WIRE BASKET

540 x 255 x 70mm



9 SILICONE MAT

520 x 230mm



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WE WILL GLADLY
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