

VETERINARY 

VETERINARY ARTHRO AND LAPAROSCOPY



VETERINARY ENDOSCOPY

Arthroscopy

Arthroscope 2.0 mm / 58 mm



Ref. No.	Description
50.015.30	Arthroscope, 2.0 mm / 30°, 58 mm



Ref. No.	Description
50.031.55	Arthroscopy Sheat, OD2.5 mm, w.1 rotatable stopcock, f.optic, 2.0 / 58 mm / 30°



Ref. No.	Description
50.035.20	Arthroscopy trocar, pyram. point, OD2.1 mm, f.optics 2.0 / 58 mm, w.corrugation



Ref. No.	Description
50.036.20	Arthroscopy trocar, blunt, OD 2.1 mm, f.optics 2.0 / 58 mm, w.corrugation

Arthroscope 2.0 mm / 110 mm



Ref. No.	Description
50.016.30	Arthroscope, 2.0 mm / 30°, 110 mm



Ref. No.	Description
50.031.20	Arthroscopy trocar Sheat, OD2.8 mm, w.1 rotatable stopcock, f.optic, 2 / 110 mm / 30°



Ref. No.	Description
50.035.03	Arthroscopy trocar, pointed, OD2.1 mm, f.optics 2.0 / 110 mm



Ref. No.	Description
50.036.03	Arthroscopy trocar, blunt, OD2.1 mm, f.optics 2.0 / 110 mm

VETERINARY ENDOSCOPY

Arthroscopy

Arthroscope 2.4 mm / 96 mm



Ref. No.	Description
50.017.30	Arthroscope, 2.4 mm / 30°, 96 mm



Ref. No.	Description
50.031.70	Arthroscopy Sheat, with 1 rotatable stopcock, f.optic, 2.4/96 mm/ 0°/ 30°



Ref. No.	Description
50.035.22	Arthroscopy trocar, pyram. point, OD 2.8 mm, f.optics 2.4 / 96 mm w.corrugation



Ref. No.	Description
50.036.22	Arthroscopy trocar, blunt, OD 2.8 mm, f.optics 2.4 / 96 mm w.corrugation

Arthroscope 2.7 mm / 110 mm



Ref. No.	Description
50.003.30	Arthroscope 2.7 mm / 30°, 110 mm, autoclavable



Ref. No.	Description
50.031.30	Arthroscopy trocar sheath, OD 3.4 mm, with 1 rotatable stopcock, f.optics 2.7 / 110 mm / 30°



Ref. No.	Description
50.035.14	Arthroscopy trocar, pyram. point, OD3.4 mm, f.optics 2.7 / 110 mm



Ref. No.	Description
50.036.14	Arthroscopy trocar, blunt, OD 3.0 mm, f.optics 2.7 / 110 mm

VETERINARY ENDOSCOPY

Arthroscopy

Arthroscope 2.7 mm / 176 mm



Ref. No.	Description
50.006.30	Arthroscope 2.7 mm / 30°, 176 mm, autoclavable



Ref. No.	Description
50.032.35	Arthroscopy trocar sheath, OD3.4 mm, with 2 rotatable stopcocks, f.optics 2.7 / 176 mm / 30° / 45° / 70°



Ref. No.	Description
50.035.16	Arthroscopy trocar, pyram. point, OD3.0 mm, f.optics 2.7 / 176 mm



Ref. No.	Description
50.036.16	Arthroscopy trocar, blunt, AD3.4 mm, f.optics 2.7 / 176 mm

Arthroscope 2.7 mm / 187.5 mm



Ref. No.	Description
50.018.30	Arthroscope 2.7 mm / 30°, 187.5 mm, autoclavable



Ref. No.	Description
50.031.45	Arthroscopy trocar sheath, OD 3.4 mm, with 1 rotatable stopcock, f.optics 2.7 / 187.5 mm / 30°



Ref. No.	Description
50.022.35	Examination channel 14.5 Fr : with 5 Fr: working channel 2 stapcocks



Ref. No.	Description
50.035.18	Arthroscopy trocar, pyram. point, OD3.0 mm, f.optics 2.7 / 187.5 mm



Ref. No.	Description
50.036.18	Arthroscopy trocar, blunt, OD3.0 mm, f.optics 2.7 / 187.5 mm



Ref. No.	Description
50.036.07	Arthroscopy trocar, blunt, OD4.2 mm, f.optics 2.7 / 187.5 mm

VETERINARY ENDOSCOPY

Arthroscopy

Arthroscope 4.0 mm / 176 mm



Ref. No.	Description
50.004.30	Arthroscope 4 mm / 30°, 176 mm, autoclavable



Ref. No.	Description
50.035.04	Arthroscopy trocar, pyram. point, OD4.2mm, f.optics 4.0 / 176 mm



Ref. No.	Description
50.031.06	Arthroscopy trocar sheath, OD6.0 mm, with 1 rotatable stopcock, f.optics 4 / 176 mm / 30°



Ref. No.	Description
50.036.04	Arthroscopy trocar, blunt, OD4.2 mm, f.optics 4.0 / 176 mm

DRAINAGE CANNULAS (Working length 70 MM)



Description	Ø 3.2 mm
Drainage cannula with 1 stopcock	52.150.32
Trocar, pyramidal point	52.151.32
Obturator, blunt	52.152.32

VETERINARY ENDOSCOPY

Arthroscopy

KNURLED HANDLE (Ø 4.0 MM)



Ref. No.	Description
50.050.00	Hook Probe, 2.5 mm
50.050.02	Hook Probe, 2.2 mm
50.050.04	Hook Probe, 4.0 mm



Ref. No.	Description
50.050.06	Probe, graduated, 3.5 mm, knurled handle



Ref. No.	Description
50.050.08	Scalpel knife, knurled handle



Ref. No.	Description
50.050.10	Sickle knife, knurled handle



Ref. No.	Description
50.050.12	Banana knife, double-edged
50.050.14	Banana knife, tooth-edged



Ref. No.	Description
50.050.16	Meniscotome, 3.0 mm
50.050.18	Meniscotome, 5 mm



Ref. No.	Description
50.050.20	Hook knife
50.050.22	Retrograde knife 45°



Ref. No.	Description
50.050.24	Ring-curette, 3mm, 30° angled



Ref. No.	Description
50.050.26	Rosette knife, tooth-edged



Ref. No.	Description
50.050.28	Curette, 15° angled, 3.0 mm



Ref. No.	Description
50.050.30	Cartilage file, fine
50.050.32	Cartilage file, coarse

VETERINARY ENDOSCOPY

Arthroscopy

SOLID TRIANGULAR HANDLE



Ref. No.	Description
50.052.02	Exploring hook, 3 mm, graduated, triangular handle

Ref. No.	Description
50.052.08	Curette, 30°, 3 mm, triangular handle

FORCEPS, SCISSORS AND PUNCHES (WORKING LENGTH 130 MM)



Ref. No.	Description
51.060.00	Grasping forceps w/o. ratchet, 2.8 mm, WL 130 mm
51.060.02	Grasping forceps w/o. ratchet, 3.4 mm, WL 130 mm
51.060.10	Grasping forceps w/o. ratchet, 1 x 2T., 2.8 mm, WL 130mm
51.060.12	Grasping forceps w/o. ratchet, 1 x 2T., 3.4 mm, WL 130mm

Ref. No.	Description
51.075.02	Hook scissors, 2.0 mm, WL 130 mm



Ref. No.	Description
51.075.04	Cup forceps, 2.0 mm, WL 130 mm



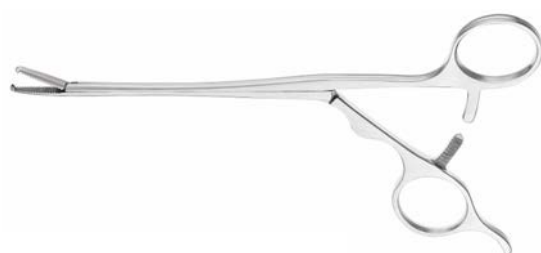
Ref. No.	Description
51.075.00	Hook punch, 2.0 mm, 0.9 x 3.5 mm, WL 130 mm



Ref. No.	Description
51.075.06	Alligator grasping forceps, 2.0 mm, WL 130 mm



Ref. No.	Description
51.075.08	Grasping forceps, 2.0 mm, WL 130 mm



Ref. No.	Description
51.080.00	Meniscus grasp.fcps., straight
51.080.02	Meniscus grasp.fcps., curved right
51.080.04	Meniscus grasp.fcps., curved left



Ref. No.	Description
35.010.014	Grasping forceps with alligator jaw



Ref. No.	Description
35.010.024	Spoon grasping forceps

VETERINARY ENDOSCOPY

Arthroscopy



Ref. No.	Description
51.090.00	HF pencil f.4 mm shaft electrodes, Erbe unit connection
51.090.05	HF pencil f.4 mm shaft electrodes, Berchtold/Integra unit connection



Ref. No.	Description
51.090.10	HF pencilcable f.51.090.05 (Erbe), 4 m
51.090.12	HF pencilcable f.51.090.05 (Erbe), 5 m
51.090.14	HF pencilcable f.51.090.05, 4 m, (Berchtold/Integra)
51.090.16	HF pencilcable f.51.090.05, 5 m, (Berchtold/Integra)



Ref. No.	Description
51.090.20	Arthro-needle electrode insert, 90°, 1.5 mm, monopolar, WL 115 mm, reusable
51.090.22	Arthro-needle electrode insert, 90°, monop, 4.0mm, WL 115mm, reusable



Ref. No.	Description
51.090.24	Arthro-knife electrode insert, 45°, monop, 4.0 mm, reusable, WL 115 mm



Ref. No.	Description
51.090.26	Arthro-palpation electrode insert, 90°, monop., reusable, WL 115 mm



Ref. No.	Description
51.090.28	Arthro-ball electrode insert, monop., reusable, WL 115mm



Ref. No.	Description
51.090.34	Arthro-knife electrode, w.handle, 45°, 4.0mm, reusable, WL 115 mm



Ref. No.	Description
51.090.36	Arthro-palpation electrode w.handle, 90°, monop., reusable, WL 115 mm

VETERINARY ENDOSCOPY

Arthroscopy

Shaver Blades (Linvatec / Arthrex / FMS Anschluss)
Shaver Blades (Linvatec / Arthrex / FMS Anschluss)



Ref. No.	Description
52.300.00	Arthro-Shaver control unit
52.300.00/SET	Arthro-Shaver System, complete, (Shaver-System/ hand-piece/foot pedal/ case)



Ref. No.	Description
52.320.40	Full Radius Resector, 3.5 mm, multi-use



Ref. No.	Description
52.320.42	Aggressive Full Radius Resector, 3.5 mm, multi-use
52.320.52	Aggressive Full Radius Resector, 4.2 mm, multi-use



Ref. No.	Description
52.320.44	Meniscus Cutter, 3.5 mm, multi-use



Ref. No.	Description
52.320.46	Power cutter "Trimmer", 3.5 mm, multi-use
52.320.48	Power cutter "Incisor", 3.5 mm, multi-use



Ref. No.	Description
52.320.50	Full Radius Resector, 4.2 mm, multi-use



Ref. No.	Description
90.065.00	Steri-/storage box, aluminium (silver), 250 x 60 x 50 mm, w. silicone bars

Verpackung seinheit = 5 stück
 Packaging unit = 5 stück
 non sterile

VETERINARY ENDOSCOPY

Arthroscopy



Ref. No.	Description
10.005.00	Laparoscope, Length 310 mm, 5 mm / 0°, autoclavable
10.010.00	Laparoscope, Length 324 mm, 10 mm / 0°, autoclavable



Ref. No.	Description
11.002.00	Cold light cable, 3.5 / 2300 mm



Ref. No.	Description
11.001.02	Light source adaptor f.Olympus-units



Ref. No.	Description
11.001.00	Storz



Ref. No.	Description
11.001.20	Endoscope-adaptor f.Storz / Olympus units



Ref. No.	Description
13.007.05	Automatic valve cannula, 5.5 mm, (metal threaded sleeve)
13.007.11	Automatic valve cannula, 11 mm, (metal threaded sleeve)



Ref. No.	Description
13.034.05	Metal-sleeve, threaded, 5.5 mm
13.034.11	Metal-sleeve threaded, 11 mm



Ref. No.	Description
13.036.05	Sealing caps, 5.5 mm (10pcs. / unit)
13.036.11	Sealing caps, 11 mm (10pcs. / unit)



Ref. No.	Description
13.038.05	O-rings, 5.5 mm, (10pcs. / pack)
13.038.11	O-rings, 11 mm, (10pcs. / pack)



Ref. No.	Description
13.044.05	O-rings, for trocar sleeves 10 pcs./pack
13.044.11	O-rings, for trocar sleeves 10 pcs./pack



Ref. No.	Description
13.046.05	O-rings, for main part 10 pcs./pack
13.046.11	O-rings, for main part 10 pcs./pack



Ref. No.	Description
13.050.05	Trocar pyramidal point, 5.5 mm
13.050.11	Trocar pyramidal point, 11.0 mm



Ref. No.	Description
13.061.05	Shielded single blade trocar, 5.5 mm, w.automatic edge cover
13.061.11	Shielded single blade trocar, 11 mm, w.automatic edge cover



Ref. No.	Description
13.076.11	Reducer, short, 11 / 5 mm



Ref. No.	Description
14.002.12	Veress-needle, 2.1 x 120 mm



Ref. No.	Description
15.010.05	Adapt.suction-irrig.tube, 5/330mm, f. 15.010.00
15.010.10	Adapt.suction-irrig.tube, 10/330mm, f. 15.010.00

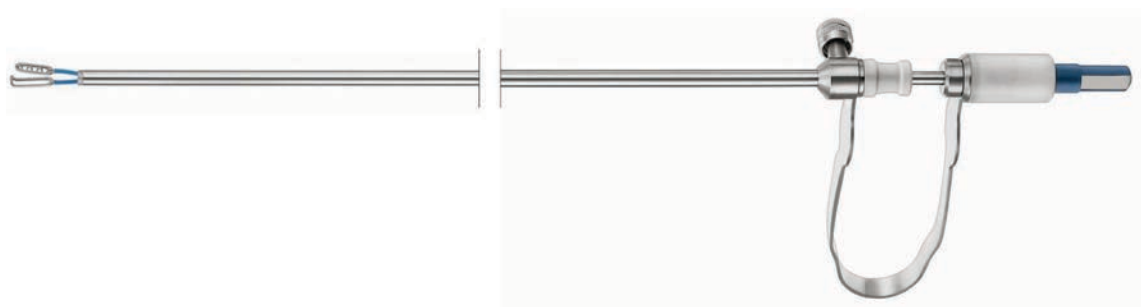


Ref. No.	Description
15.010.00	Maint.-free 2-way valve w.rotating, adapter and LL-connector

VETERINARY ENDOSCOPY

Arthroscopy

BIPOLAR FORCEPS, 5 MM, RIGID WITH CLEANING PORT



Ref. No.	Description
18.001.33	Bipolar coagulation fcps., w.rippled bar, 5/330mm, w.cleaning port
18.001.45	Bipolar coagulation fcps., w.rippled bar, 5 / 450 mm, w.cleaning port, with flat connection

Ref. No.	Description
18.100.34	Modular bipolar fcps.w. rippled bar, compl.w.MAHE ring handle, 5 / 340 mm

Ref. No.	Description
18.200.34	Bipolar forceps, 3.0 mm jaw



Ref. No.	Description
18.310.01	Adapter w.flat plug



Ref. No.	Description
18.900.16	Bipolar silicone cable w.universal plug, 2 banana plug, 5000 mm

VETERINARY ENDOSCOPY

Arthroscopy

5 MM/ 10 M SCISSORS, BIOPSY FORCEPS



Ref. No.	Description
19.26	handle

Ref. No.	Description
19.22	handle



Ref. No.	Description
26.010.33	Maryland grasp.fcps., 5/330 mm with handle 19.26
26.010.45	Maryland grasp.fcps., 5/450 mm with handle 19.26



Ref. No.	Description
26.032.33	Alligator grasping fcps., 5 / 330 mm



Ref. No.	Description
22.046.45	Retraction grasp.fcps., 5/450 mm with handle 19.26



Ref. No.	Description
22.066.33	Babcock grasp.fcps., 5 / 330 mm



Ref. No.	Description
26.082.33	Biopsy spoon fcps.w.2 teeth, d/a, 5 / 330 mm



Ref. No.	Description
26.210.33	Metzenbaum scissors, curved



Ref. No.	Description
26.214.33	Endo-scs., cvd., 5 / 330 mm



Ref. No.	Description
26.110.33	Maryland grasp.fcps., 10 / 330 mm
26.110.45	Maryland grasp.fcps., 10 / 450 mm



Ref. No.	Description
22.156.33	Babcock grasp.fcps., 10 / 330 mm
22.156.45	Babcock grasp.fcps., 10 / 450 mm



Ref. No.	Description
25.250.33	TC Needleholder w.axial handle, ratchet+ cleaning port, 5 / 330 mm, not rotatable+detachable

VETERINARY ENDOSCOPY

Arthroscopy

METAL SHAFT WITH KNOB



Ref. No.	Description
19.50/33	Ø 5.0 mm, Working length 330 mm
19.51/33	Ø 10.0 - 5.0 mm, Working length 330 mm
19.52/33	Ø 10.0 mm, Working length 330 mm

19.50/45	Ø 5.0 mm, Working length 450 mm
19.51/45	Ø 10.0 - 5.0 mm, Working length 450 mm
19.52/45	Ø 10.0 mm, Working length 450 mm

METAL SHAFT WITH CLEANING PORT AND SHAFT KNOB



Ref. No.	Description
19.55/33	Ø 5.0 mm, Working length 330 mm
19.56/33	Ø 10.0 - 5.0 mm, Working length 330 mm
19.57/33	Ø 10.0 mm, Working length 330 mm

19.55/45	Ø 5.0 mm, Working length 450 mm
19.56/45	Ø 10.0 - 5.0 mm, Working length 450 mm
19.57/45	Ø 10.0 mm, Working length 450 mm

INSULATED SHAFT WITH SHAFT KNOB



Ref. No.	Description
19.60/33	Ø 5.0 mm, Working length 330 mm
19.61/33	Ø 10.0 - 5.0 mm, Working length 330 mm
19.62/33	Ø 10.0 mm, Working length 330 mm

19.60/45	Ø 5.0 mm, Working length 450 mm
19.61/45	Ø 10.0 - 5.0 mm, Working length 450 mm
19.62/45	Ø 10.0 mm, Working length 450 mm

MAHE COMPACT SYSTEM 555 VII

(Ref. No. 2300P)

Compact system Videounit for medical endoscopic & diagnostic purposes

- Camera, LEDHighsource & 10" Display in a durable compact metal housing with excellent image display.
- Storage unit included via USE-for pictures and transfer to a computer.

Technical Data	Ed_201_04	
Video System	NTSC (2300N)	PAL (2300P)
Display		
Typ	SVGA TFT LCD	
Active Display	10.4 Zoll (264 mm) diagonal	
Pixel Pitch	0.26 mm x 0.26 mm	
Pixel Format	800 horizontal x 600 vertical Pixels	
Brightness / White	250 cd/m²	
Camera		
Image sensor	1 Chip 1/3" CCO Sensor High Resolution & 8bit color depth	
Active Pixels	758 (H) x 492 (V)	752 (H) x 582 (V)
Active Sensor	4.8(H) x 3.7(V) mm	
Scan Lines	525	625
Scan System	2:1 Interlaced	
Sync System	Internal	
Scan Frequency (H)	15.743 kHz	15.625 kHz
Scan Frequency (V)	59.94 Hz	50 Hz
Aspect ratio	4:3	
Illumination	Standard : 2.500 luc FB (3.000K) Minimum : 3 luc / F1.4 (AGC on)	
Video Output	2 x FBAS	
Resolution (H)	470	470
Resolution (V)	350	430
SN Ratio	>46 dBp-p	
High-Speed-Shutter	Automatic Shutter Control msx. Shutter speed 1/100.000 sec.	
Whitebalancing	halfautomatic, memory	
ELC	ON / OFF ind. various window sizes	



MAHE COMPACT SYSTEM 555 VII

(Ref. No. 2300P)

Technical Data	Ed_201_04
Functions	Whitebalance, BLC & 4 window sizes, Brightness regulation acc. to sensor, Camerahead soakable
Cable Length	3m
Lightsource	
Type	New LED Technology
LED Performance	Effective 3W
Color Temperature	>5000k / bright/white
Lifetime LED	>4000 hrs.
Functions	Compatible with standard scope lightguide adaptors Lichtleit adapter. brightness regulation via.LED, LED handpiece soakable
Cable Length	3m
USB imagememory	
Memory Format	PNG Format (ISO/IEC 15948:2008) no lic.
Memory System	USB Flash memory (USB-Stick 16 MB - 4 GB)
Memory Release	Button on camera head or button on front display
Control Unit	
Voltage / Frequency	100-250 V AC / 50 - 60 Hz
Power Consumption	Max. 50W
Fuses	2 x T3,15A - 250V
Weight	Control Unit : 4 kg Camerahead : 100g / 250g (ind. cable / plug) LED handpiece : 100g / 200g (ind. cable / plug)
Dimensions	Control Unit : (WxHxD)320 x 250 x 85 mm closed (250 mm open) Camerahead : (ØxL) 26 x 70 mm LED : (ØxL) 30x70 mm handpiecef
Operating Temperature	+4°C to 40 °C
Storage Temperature	-20°C to + 45 °C
Rel. Humidity	30% to 90%
Safety	
Class	I
Protection Class	BF without functiongroup & 1 Patient Connector
Safety Standard	DIN EN 60601-1, DIN EN 60601-1-2, MOD

MAHE CO2 INSUFFLATOR 1400

Verfügbare Geräteversionen einschl. Zubehör / Available unit types incl.accessories :

- Art.1400/16(16L)
- Art.1400/20(20L)
- Art.1400/30(30L)
- Art.1400/40(40L)

Optionnen / Options

mit integrierter thirme / with integrated heater :

- Art.1400/T20(20L)
- Art.1400/T30(30L)
- Art.1400/T40(40L)

mit integrierter thirme und Video / with integrated heater and video :

- Art.1400/TV20(20L)
- Art.1400/TV30(30L)
- Art.1400/TV40(40L)

Notwendig für Geräte mit Therme / necessary for units with heater :

Heizschlauch / heating hose

- Art.ACC3010-42 (alt/old 1085)

Achtung / Caution

Bei Bestellungen bitte Netzspannung und CO2-Anschluss angeben / Please indicate line Voltage and gas connections when ordering.



Technische Daten / Technical data	
Natzspannung / Line voltage	100Vac - 240 Vac
Max.Leistungsaufnahme / Power consumption	über / over35VA
Frequenz / Frequency	50 / 60 Hz
Schutzklasse / Protection class	I
Leistung / Flow performance	16L / Min. / 20L / Min. / 30L / Min. / 40L / Min.
Druckvorwahl / Pressure preselection	4 - 25 mmHg
CO2-Anschluss / CO2-connection	DT / DIN 477, PIN-Index, US, Italien / German DIN 477, PIN-Index, US, Italy (Bitte länderspezifische CO2-Anschlüsse angeben / Please specify appropriate national CO2-connection)
(Nach Med.-Produkte-Richtl. / acc.to MDD)	CE 1253
Gewicht / Weight	4.5 kg
Abmessung (BxHxT) / Dimensions (HxWxD)	30 x 15 x 32 cm

TECHNISCHE ÄNDERUNGEN VORBEHALTEN / TECHNICAL DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE

Zubehör / Accessories

Hochdruckschlauch, Insufflationsschlauch, Veress-Kanüle, Hygienefilter, Schlüsselsatz, Netzkabel / High pressure hose, insufflation tubing set, Veress-cannula, hydrophob, wrench set, power cord

NOTES

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