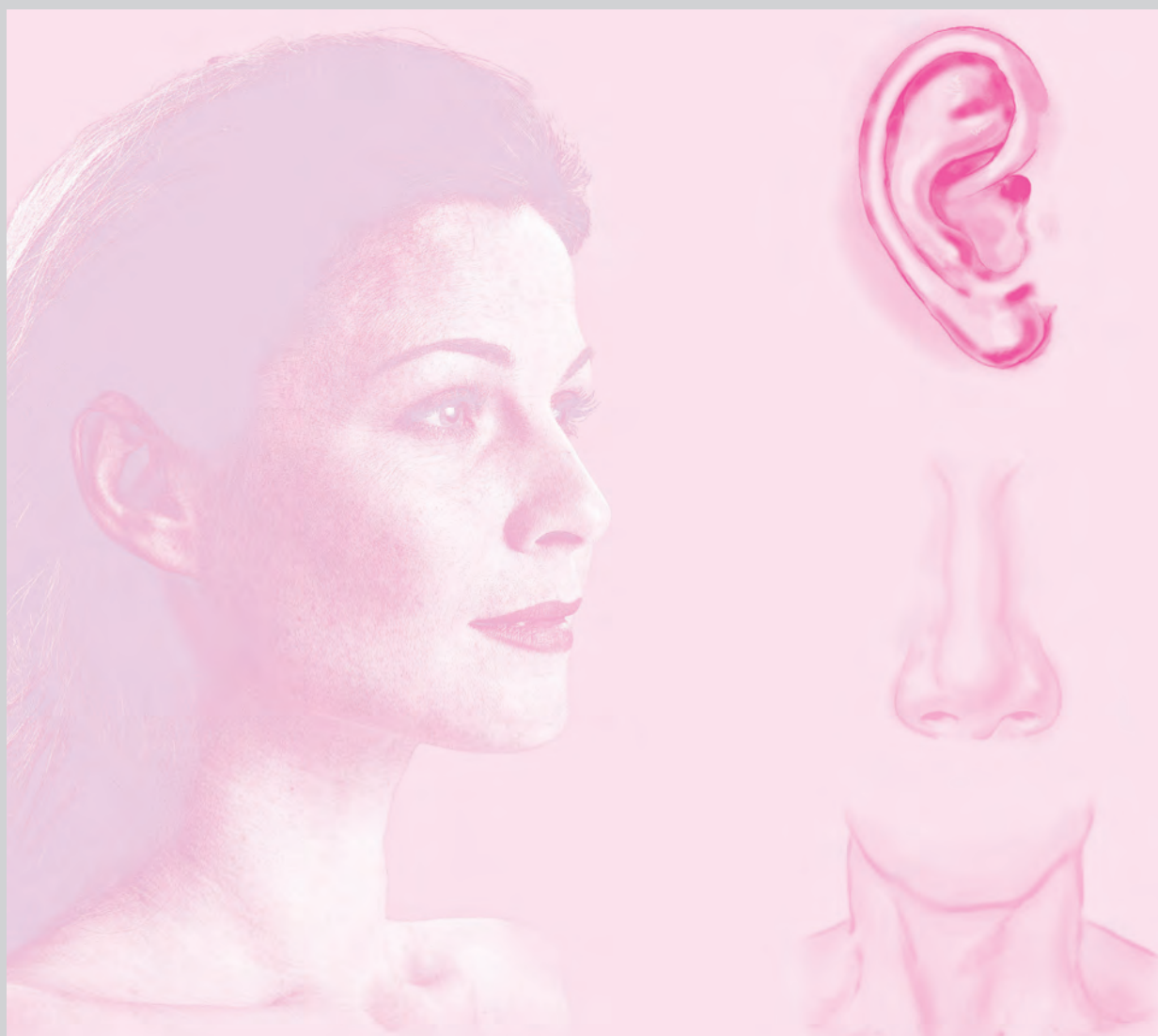


STORZ

THE WORLD OF ENDOSCOPY



EXTRACT FROM THE ENT CATALOG

OTOLOGY – OTOSCOPY

10th EDITION 1/2019

It is recommended to check the suitability of the product for the intended procedure prior to use.
Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.

Not all the products listed in this document are certified according to Regulation 2017/745/EU. For this reason, some products requiring certification under this Regulation may not be available in every country.

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OTOLOGY – OTOSCOPY

OTOSCOPY 2-7

INSTRUMENTS FOR
DIAGNOSIS AND THERAPY –
OUTER EAR 8-23

EAR MICROSURGERY 24-75

ENDOSCOPIC
MIDDLE EAR SURGERY 76-82

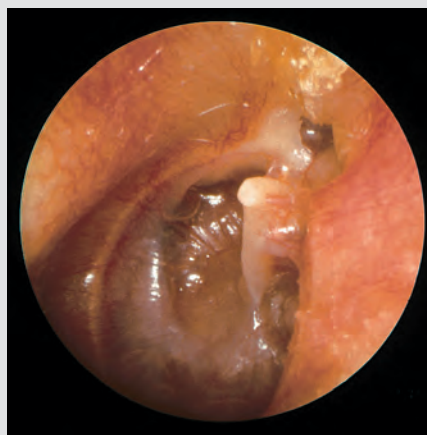
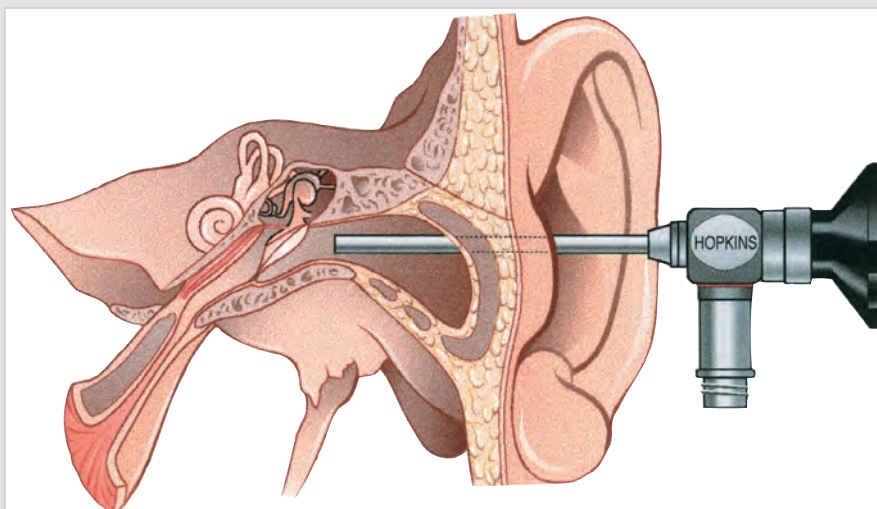
RACKS AND CONTAINERS 83-86

Otoscopy

with HOPKINS® Telescopes

Special Features:

- For visualization of the eardrum
- HOPKINS® telescopes available in diameters 1.9 mm, 2.7 mm, 3 mm and 4 mm for ear diagnosis and surgery

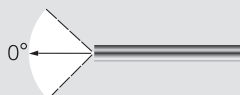


Diameter 1.9 mm, length 10 cm

For preoperative and postoperative examinations of the middle ear



1232 AA



1232 AA

HOPKINS® Straight Forward Telescope 0°, diameter 1.9 mm, length 10 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

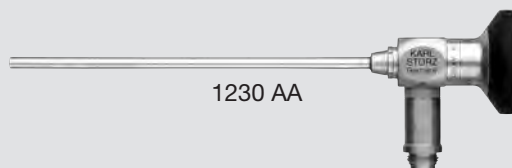


1232 BA

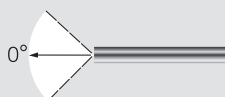
HOPKINS® Forward-Oblique Telescope 30°, diameter 1.9 mm, length 10 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

Diameter 2.7 mm, length 11 cm

For tympanoscopy and examination of the middle ear



1230 AA



1230 AA

HOPKINS® Straight Forward Telescope 0°, diameter 2.7 mm, length 11 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



1230 BA

HOPKINS® Forward-Oblique Telescope 30°, diameter 2.7 mm, length 11 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



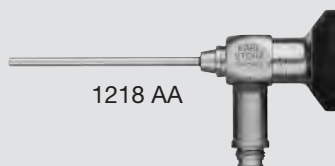
723750 A

Protective Sleeve, for HOPKINS® telescopes with length of 6 – 11 cm

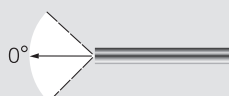
Otoscopy

with HOPKINS® Telescopes

Diameter 3 mm, length 6 cm



1218 AA



1218 AA

Tele-Otoscope with HOPKINS® Straight Forward Telescope 0°, diameter 3 mm, length 6 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



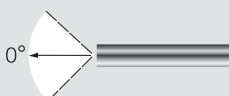
1218 BA

Tele-Otoscope with HOPKINS® Forward-Oblique Telescope 30°, diameter 3 mm, length 6 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

Diameter 4 mm, length 6 cm

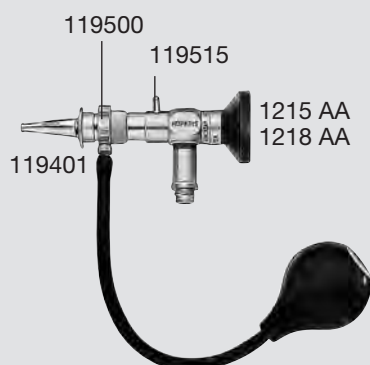


1215 AA



1215 AA

Tele-Otoscope with HOPKINS® Straight Forward Telescope 0°, diameter 4 mm, length 6 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



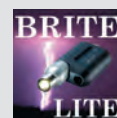
119500

HAWKE Pneumatic Adaptor, for Ear Specula 119401 – 119410, including rubber bulb with tube and screw-on cone, for use with Tele-Otoscope 1218 AA

119515

Bridge, for Pneumatic Adaptor 119500, for use with Tele-Otoscope 1215 AA with Ear Specula 119401 – 119404 and Tele-Otoscope 1218 AA with Ear Specula 119401 – 119410

Components/Spare Parts see ENT catalog



Special Features:

- Available as battery and rechargeable versions
- LED service life of up to 50,000 hours
- Burning time > 120 min



11301 DE



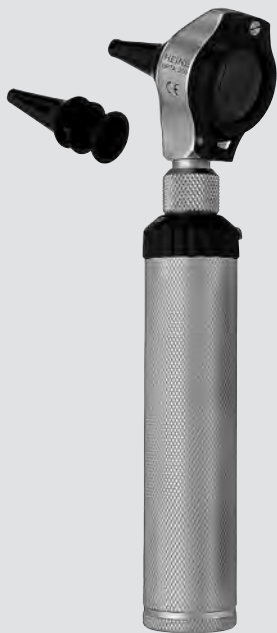
11301 DG

- | | |
|----------|---|
| 11301 D4 | Battery Light Source LED for Endoscopes , with fast screw thread, boost mode for temporary increase in brightness, burning time > 120 min, brightness > 110 lm / > 150 klx, weight approx. 150 g ready for use, suitable for wipe disinfection , for use with KARL STORZ endoscopes |
| 11301 DE | Battery Light Source LED for Endoscopes , rechargeable, with click connection, boost mode for temporary increase in brightness, color temperature 5500 K, lithium-ion batteries, charging time 60 min, burning time at 100% brightness 40 min, weight approx. 150 g, suitable for wipe disinfection |
| 11301 DF | Same , with coarse screw thread |
| 11301 DG | Charging Unit , for two LED battery light sources, with fixed integrated power supply and adaptor for EU, UK, USA and Australia, power supply 110 – 240 VAC, 50/60 Hz, suitable for wipe disinfection , for use with Battery Light Source LED 11301 DE/DF |
| 094129 | Battery Charger Li-Ion , for charging Rechargeable Battery Box 094124 or Battery Light Source LED 11301 DE/DF, power supply 100 – 240 VAC, 50/60 Hz, for use with Mains Cord 094127 |
| 094127 | Mains Cord , for Battery Charger 094129, length 150 cm |

Note:

Please order charging unit or battery charger with mains cord for Battery Light Sources LED 11301 DE/DF.

Components/Spare Parts see ENT catalog



121300

121300 HEINE **Otoscope**, otoscope head with fiber optic light transmission incorporated including:
Ear Specula, outer diameter 2.5 – 5 mm
Battery Handle
2x 1.5 Volt Battery
Spare Lamp



121302 –
121305

- ☐ 121302
- ☐ 121303
- ☐ 121304
- ☐ 121305

Ear Speculum, reusable, black,
outer diameter 2.5 mm
Same, outer diameter 3 mm
Same, outer diameter 4 mm
Same, outer diameter 5 mm



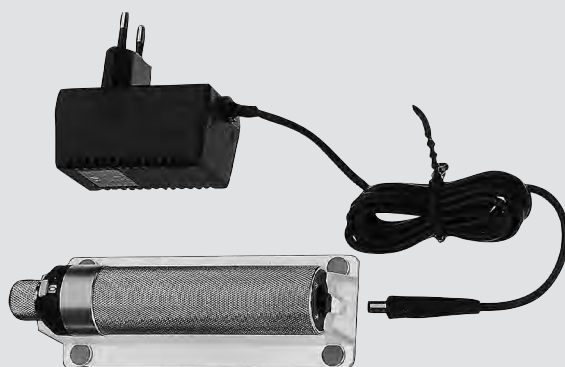
121332
121334

- ☐ 121332
- ☐ 121334

Ear Speculum, gray, outer diameter
2.5 mm, unsterile, for single use,
package of 1000
Same, outer diameter 4 mm



Components/Spare Parts see ENT catalog



8565 B

8565 B

Battery Handle, 3.5 Volt

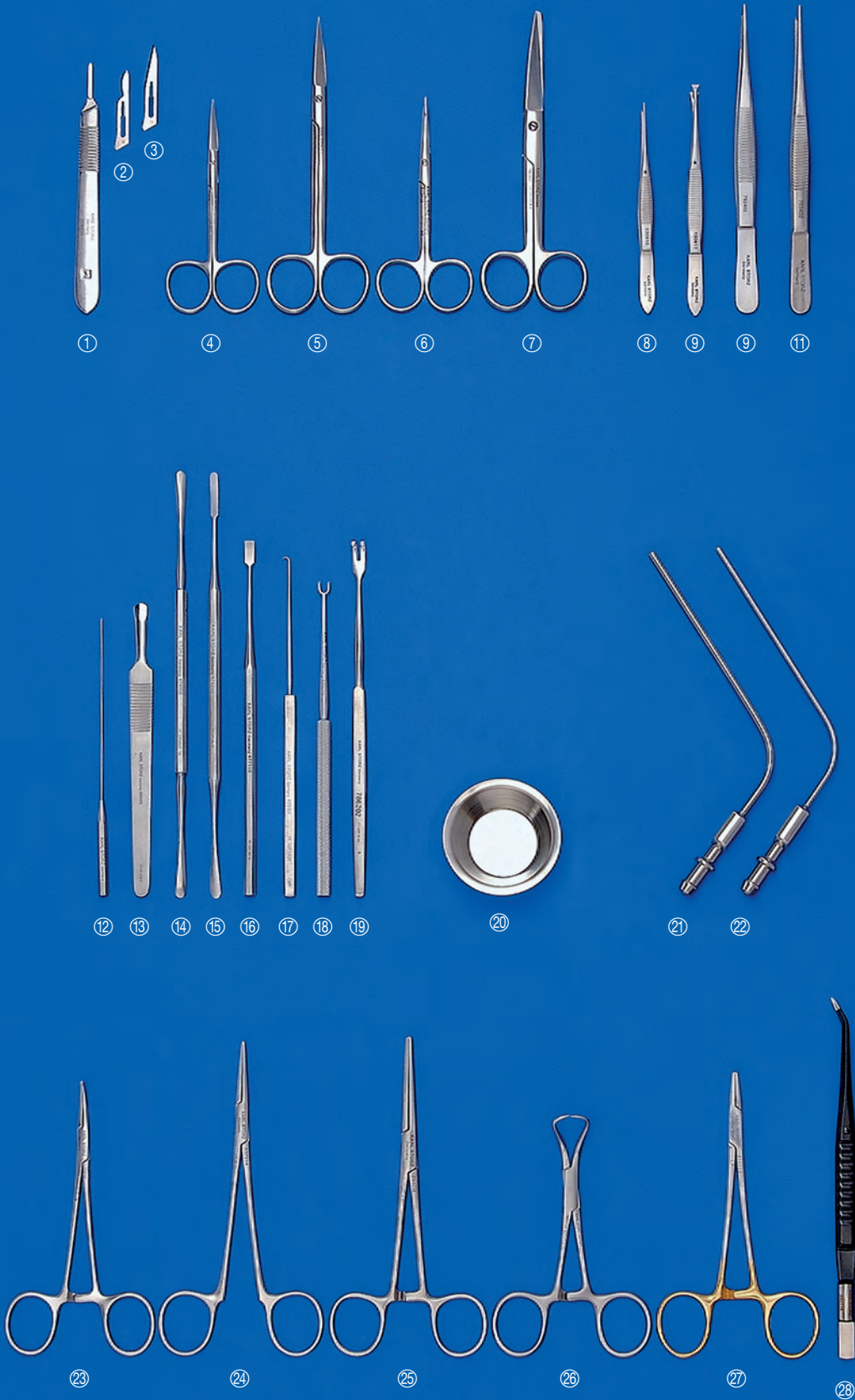
including:

Rack

Charger, power supply 220 – 240 VAC

Instruments for Diagnosis and Therapy –
Outer Ear

Auricle Plasty Set



Instruments for Diagnosis and Therapy – Outer Ear

Auricle Plasty Set

Recommended Set

①	208000	Surgical Handle , Fig. 3, length 12.5 cm
②	208015	Blade , Fig. 15, unsterile, for single use, package of 100
③	208011	Blade , Fig. 11, unsterile, for single use, package of 100
④	511210	Scissors , extra delicate, curved, length 10 cm
⑤	511414	JOSEPH Scissors , curved, length 14 cm
⑥	513410	COTTLE Scissors , curved, length 10.5 cm
⑦	791202	Scissors , curved, sharp/blunt, length 14.5 cm
⑧	530910	Tissue Forceps , delicate, straight, 1 x 2 teeth, length 10 cm
⑨	530811	Tissue Forceps , 7 x 8 fine teeth, length 11 cm
⑩	792402	Dressing Forceps , medium, length 14.5 cm
⑪	793402	Tissue Forceps , 1 x 2 teeth, medium, length 14.5 cm
⑫	151011	Cotton Applicator , standard model, triangular serrated, diameter 1.1 mm, working length 13 cm
⑬	493000	COTTLE Nasal Knife , rounded edge, length 14 cm
⑭	474000	FREER Elevator , double-ended, semisharp and blunt, length 20 cm
⑮	474200	FREER-JOSEPH Elevator , double-ended, slender, semisharp and sharp, length 20 cm
⑯	477500	FREER Raspatory , curved, width 4 mm, length 18 cm
⑰	499101	Hook , one prong, large curve, length 16.5 cm
⑱	499205	JOSEPH Hook , two prongs, sharp, width 5 mm, length 15 cm
⑲	786202	Retractor , blunt, 2 prongs, length 17 cm
⑳	810802	Medicine Cup , 25 cm ³ , diameter 60 mm, height 28 mm
㉑	204810	FERGUSON Suction Tube , with cut-off hole and stylet, LUER, 10 Fr., working length 11 cm
㉒	204808	Same , 8 Fr.
㉓	6x 535212	HALSTEAD "Mosquito" Artery Forceps , curved, length 12.5 cm
㉔	537014	Dissecting Forceps , straight, without ratchet, length 14 cm
㉕	794014	ROCHESTER-PEAN Artery Forceps , straight, length 14 cm
㉖	6x 796011	BACKHAUS Towel Forceps , length 11 cm
㉗	516013	Needle Holder , tungsten carbide inserts, length 13 cm
㉘	842116	Bipolar Coagulation Forceps , insulated, angled tip, tip 0.5 mm, length 16 cm
	847000 E	Bipolar High Frequency Cord , length 300 cm (not illustrated)

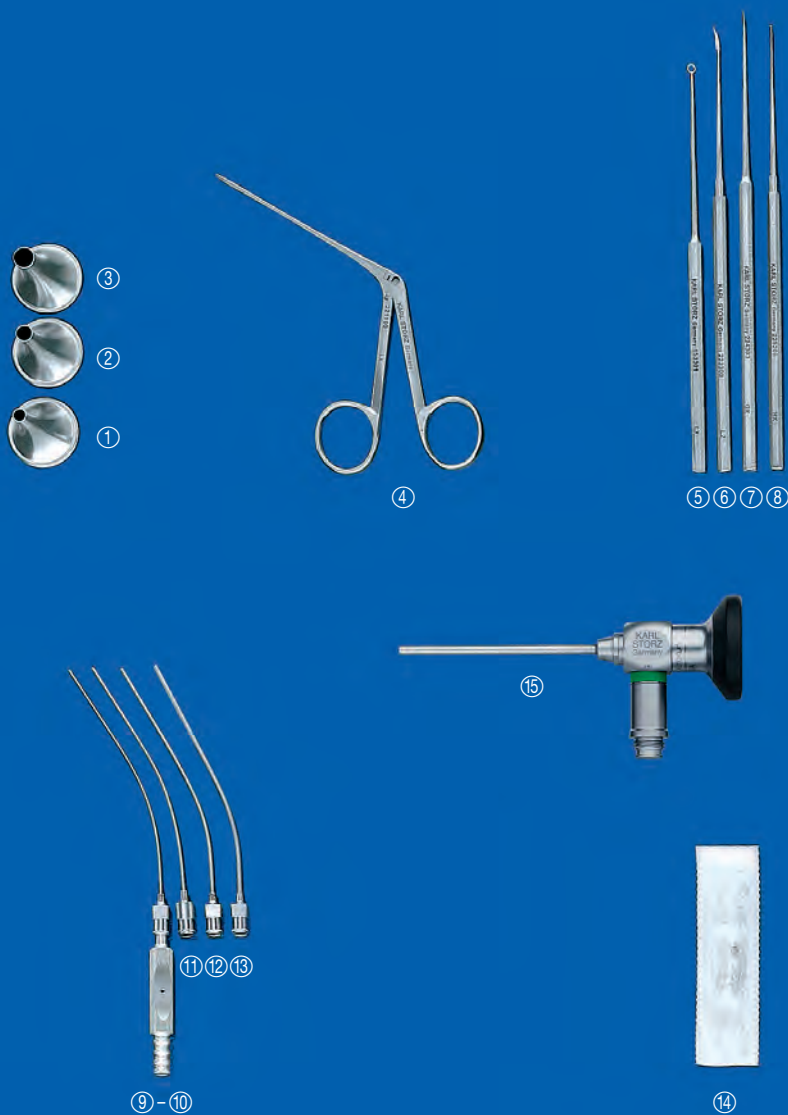
Recommended Accessories for Containers (not illustrated):

39502 ZH	Wire Tray for Cleaning, Sterilization and Storage
39740 A2	Sterilization Container , with MicroStop®
39763 A2	Coding Label
39762 D2	Color Tab , blue

Further Accessories for Cleaning and Sterilization see HYGIENE catalog

Instruments for Diagnosis and Therapy –
Outer Ear

Tympanostomy Set



Instruments for Diagnosis and Therapy – Outer Ear

Tympanostomy Set

- | | |
|----------|---|
| ① 122005 | HARTMANN Ear Speculum , standard model, outer diameter 5 mm, length 3.6 cm |
| ② 122006 | Same , outer diameter 6 mm |
| ③ 122007 | Same , outer diameter 7.5 mm |
| ④ 221100 | HARTMANN Ear Forceps, dismantling , extra delicate, serrated, 1 x 4.5 mm, working length 8 cm |
| ⑤ 153301 | BUCK Ear Curette , blunt, size 1, length 14.5 cm |
| ⑥ 223300 | PLESTER Sickle Knife , double-edged, standard model, slightly curved, length 16 cm |
| ⑦ 224303 | WULLSTEIN Needle , slight curve, length 16.5 cm |
| ⑧ 225208 | Pick , 90°, size 0.8 mm, length 16 cm |
| ⑨ 204200 | Adaptor , with cut-off hole, LUER cone, length 5.5 cm |
| ⑩ 204310 | Suction Tube , straight, LUER-Lock, malleable, outer diameter 1 mm, length 10 cm |
| ⑪ 204313 | Same , outer diameter 1.3 mm |
| ⑫ 204315 | Same , outer diameter 1.5 mm |
| ⑬ 204320 | Same , outer diameter 2 mm |
| ⑭ 230100 | TÜBINGEN Ventilation Tube , made of precious metal and gold-plated, without retrieval wire, inner diameter 1.5 mm, size 2, outer diameter 2.8 mm, sterile, for single use, package of 10 |

Optional:

- | | |
|-----------|--|
| ⑰ 1218 AA | Tele-Otoscope , with HOPKINS® straight forward telescope 0°, diameter 3 mm, length 6 cm, autoclavable, fiber optic light transmission incorporated, color code: green |
|-----------|--|

Accessories recommended for containers (not illustrated):

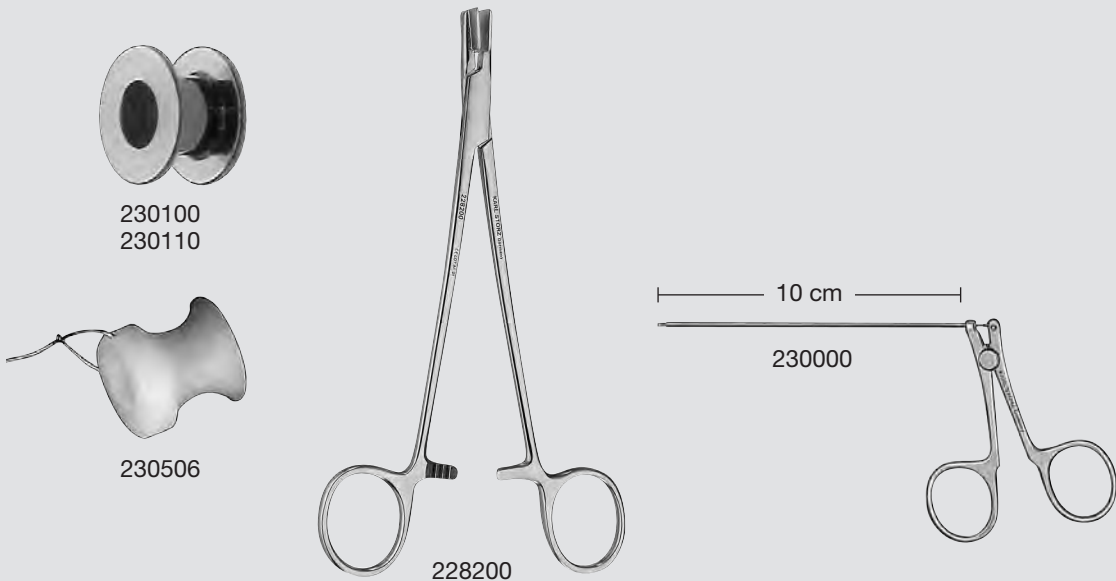
- | | |
|----------|--|
| 39502 MB | Wire Tray for MiniSet Container for Cleaning, Sterilization and Storage |
| 39781 A | MiniSet Container , with MicroStop® |
| 39763 A2 | Coding Label |
| 39762 D2 | Color Tab , blue |

Further Accessories for Cleaning and Sterilization see HYGIENE catalog

Instruments for Diagnosis and Therapy – Outer Ear

Ventilation Tubes and Accessories

The advantage of the TÜBINGER ventilation tube is that the larger lumen provides better drainage.



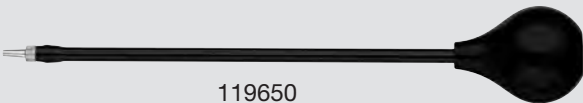
- 230100 **TÜBINGER Ventilation Tube**, made of precious metal and gold-plated, without retrieval wire, inner diameter 1.5 mm, size 2, outer diameter 2.8 mm, sterile, for single use, package of 10
- 230110 **TÜBINGER Ventilation Tube**, made of precious metal and gold-plated, without retrieval wire, inner diameter 1.25 mm, size 1, outer diameter 2.6 mm, sterile, for single use, package of 10
- 230506 **SHEPARD Ventilation Tube**, teflon, with retrieval wire, inner diameter 1.1 mm, sterile, for single use, package of 6
- 228200 **Gelfoam Press**, length 18 cm
- 230000 **Ventilation Drainage Tube Insertor**, working length 10 cm

Instruments for Diagnosis and Therapy – Outer Ear

Ear Specula



	Size 00	119420	BRÜNINGS Ear Speculum , size 00, outer diameter 4 mm
	Size 0	119410	Same , size 0, outer diameter 4.5 mm
	Size 1	119401	Same , size 1, outer diameter 6 mm
	Size 2	119402	Same , size 2, outer diameter 7.5 mm
	Size 3	119403	Same , size 3, outer diameter 9.5 mm
	Size 4	119404	Same , size 4, outer diameter 11 mm



119650 **Rubber Bulb**, for pneumatic testing, with record cone, for Diagnostic Heads 119700 – 120600

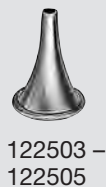


119700 **SIEGLE Diagnostic Head**, without magnification
119800 **BRÜNINGS Diagnostic Head**, with magnification, anastigmatic
119900 **FRENZEL Operating Head**, with wall detail, with magnification, anastigmatic

Stainless Steel Ear Specula



	3 mm	122003	HARTMANN Ear Speculum , standard model, outer diameter 3 mm, length 3.6 cm
	4 mm	122004	Same , outer diameter 4 mm
	5 mm	122005	Same , outer diameter 5 mm
	6 mm	122006	Same , outer diameter 6 mm
	7.5 mm	122007	Same , outer diameter 7.5 mm



	3 mm	122503	HARTMANN Ear Speculum , short, outer diameter 3 mm, length 2.7 cm
	4 mm	122504	Same , outer diameter 4 mm
	5 mm	122505	Same , outer diameter 5 mm

Components/Spare Parts see ENT catalog

Instruments for Diagnosis and Therapy – Outer Ear

Ear Specula

Stainless Steel Ear Specula



123031 –
123037

	4 mm	123031	FARRIOR Ear Speculum, round, size 1, outer diameter 4 mm, length 4.5 cm
	5 mm	123032	Same , size 2, outer diameter 5 mm
	6 mm	123033	Same , size 3, outer diameter 6 mm
	7 mm	123034	Same , size 4, outer diameter 7 mm
	8 mm	123035	Same , size 5, outer diameter 8 mm
	9 mm	123036	Same , size 6, outer diameter 9 mm
	10 mm	123037	Same , size 7, outer diameter 10 mm



123041 –
123049

	4.0 x 4.8 mm	123041	FARRIOR Ear Speculum, oval, size 1, 4.0 x 4.8 mm, length 4.3 cm
	5.0 x 5.8 mm	123042	Same , size 2, 5.0 x 5.8 mm
	5.5 x 6.3 mm	123043	Same , size 3, 5.5 x 6.3 mm
	6.0 x 6.8 mm	123044	Same , size 4, 6.0 x 6.8 mm
	6.5 x 7.3 mm	123045	Same , size 5, 6.5 x 7.3 mm
	7.0 x 7.8 mm	123046	Same , size 6, 7.0 x 7.8 mm
	7.5 x 8.3 mm	123047	Same , size 7, 7.5 x 8.3 mm
	8.0 x 8.8 mm	123048	Same , size 8, 8.0 x 8.8 mm
	8.5 x 9.3 mm	123049	Same , size 9, 8.5 x 9.3 mm

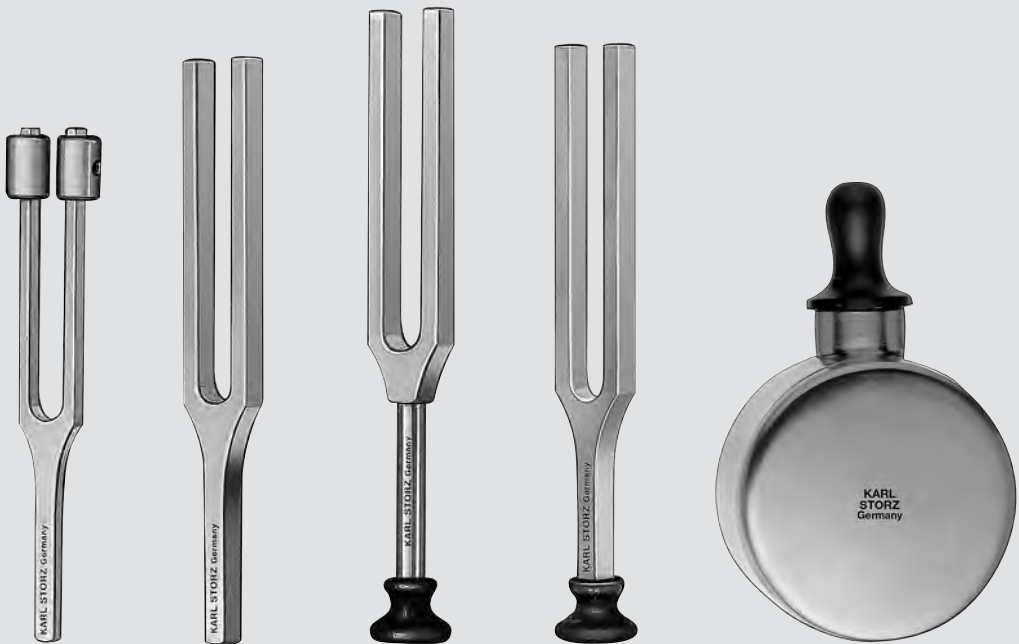


123205 –
123207

123205	HOLMGREEN Endaural Ear Speculum, self-retaining, outer diameter 5 mm
123206	Same , outer diameter 6 mm
123207	Same , outer diameter 7 mm

Instruments for Diagnosis and Therapy – Outer Ear

Tuning Forks



125300
125400

125500
125600
125700
125800

125501
125601

126000

130000

- | | |
|--------|---|
| 125300 | Tuning Fork, C-128, with weights |
| 125400 | Same, C¹-256, with weights |
| 125500 | Same, C²-512, without weights |
| 125600 | Same, C³-1024, without weights |
| 125700 | Same, C⁴-2048, without weights |
| 125800 | Same, C⁵-4096, without weights |
| 125501 | Tuning Fork, C²-512, without weights, with stand |
| 125601 | Tuning Fork, C³-1024, without weights, with stand |
| 126000 | Tuning Fork, A¹-440, with stand |
| 130000 | BARANY Noise Apparatus, with ear olive |

Components/Spare Parts see ENT catalog

Instruments for Diagnosis and Therapy – Outer Ear

Nystagmus Spectacles

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KARL STORZ — ENDOSKOPE



138905

138905

FRENZEL **Nystagmus Spectacles**, black frame, with attached, adjustable battery handle and ventilation slots, including 2 Lamps 138964, 4 V, for use with 3 Batteries 121306 (not included in delivery)

Components/Spare Parts see ENT catalog

Instruments for Diagnosis and Therapy – Outer Ear

Air Bag, Catheter, Powder Blower

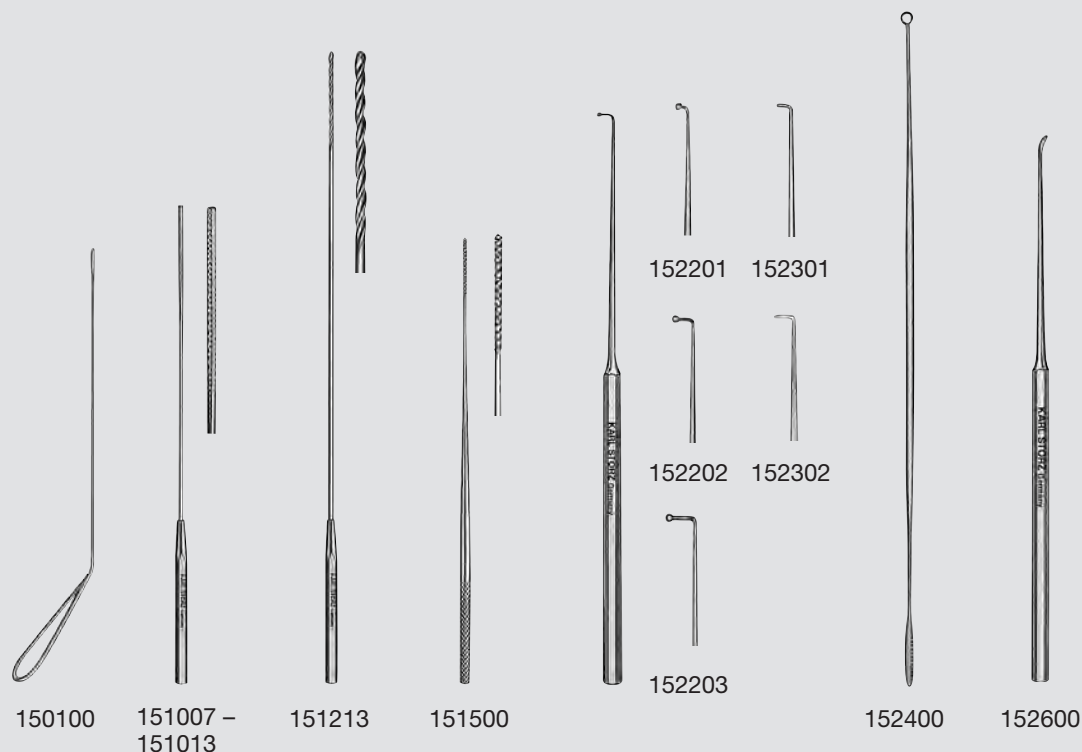


- 142000 **POLITZER Air Bag**, with metal cone, 8 oz.
- 142418 **Nasal Olive**, metal, size 18 mm
- 142420 **Same**, size 20 mm
- 142422 **Same**, size 22 mm
- 143800 **Rubber Balloon**, for eustachian catheter, 2 ½ oz.
- 146001 **HARTMANN Eustachian Catheter**, size 1,
length 13.5 cm, olive diameter 2.8 mm
- 149320 **KABERSKE Powder Blower**, with large bottle, with
1 straight Cannula 149325 and 1 curved Cannula 149326

Components/Spare Parts see ENT catalog

Instruments for Diagnosis and Therapy – Outer Ear

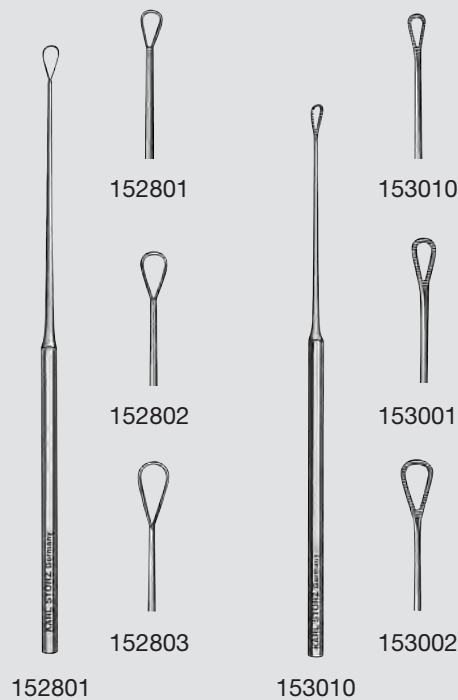
Ear Probe, Cotton Applicators, Ear Spatula



- 150100 **STACKE Ear Probe**, length 10.5 cm
- 151007 **Cotton Applicator**, standard model, triangular serrated, diameter 0.7 mm, working length 13 cm
- 151009 **Same**, diameter 0.9 mm
- 151011 **Same**, diameter 1.1 mm
- 151013 **Same**, diameter 1.3 mm
- 151213 **Cotton Applicator**, with thread, diameter 1.3 mm, working length 17.5 cm
- 151500 **FROHN Cotton Applicator**, with thread, diameter 1.1 mm, working length 12.5 cm
- 152201 **WAGENER Ear Hook**, with ball end, size 1, length 15.5 cm
- 152202 **Same**, size 2
- 152203 **Same**, size 3
- 152301 **Ear Hook**, without ball end, size 1, length 15.5 cm
- 152302 **Same**, size 2
- 152400 **JOBSON-HORNE Probe**, working length 18 cm
- 152600 **ZAUFAL Ear Spatula**, length 14.5 cm

Instruments for Diagnosis and Therapy – Outer Ear

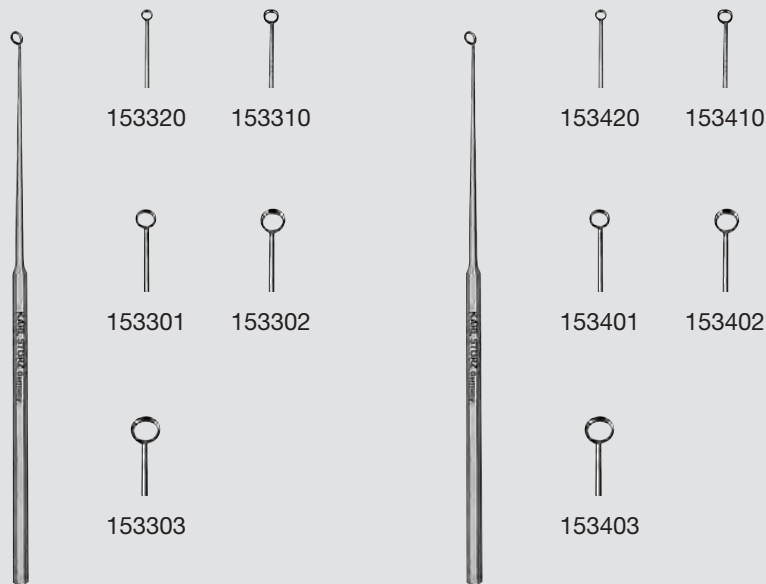
Ear Loops



152801	BILLEAU Ear Loop , size 1, length 16 cm
152802	Same , size 2
152803	Same , size 3
153010	WEBER-LOCH Ear Loop , size 0, length 14.5 cm
153001	Same , size 1
153002	Same , size 2

Instruments for Diagnosis and Therapy – Outer Ear

Ear Curettes



BUCK Ear Currettes, blunt

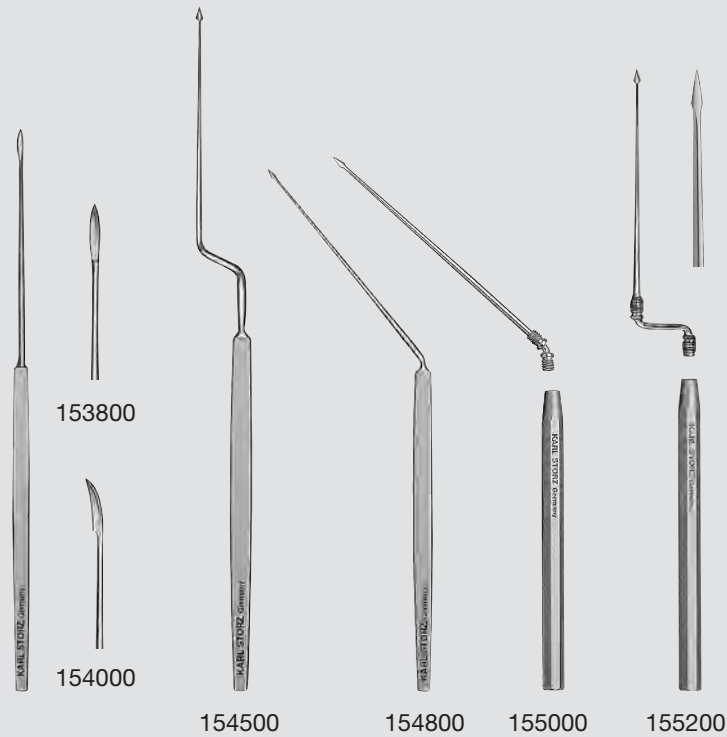
153320	BUCK Ear Curette, blunt, size 00, length 14.5 cm
153310	Same, size 0
153301	Same, size 1
153302	Same, size 2
153303	Same, size 3

BUCK Ear Currettes, sharp

153420	BUCK Ear Curette, sharp, size 00, length 14.5 cm
153410	Same, size 0
153401	Same, size 1
153402	Same, size 2
153403	Same, size 3

Instruments for Diagnosis and Therapy – Outer Ear

Ear Knives



- 153800 **POLITZER Ear Knife**, straight, working length 6.5 cm
- 154000 **Same**, curved
- 154500 **TRAUTMANN Ear Knife**, delicate, bayonet-shaped,
working length 7.5 cm
- 154800 **POLITZER Ear Knife**, delicate, angular,
working length 7.5 cm
- 155000 **Ear Knife**, screw handle, angular,
working length 8 cm
- 155200 **Same**, bayonet-shaped

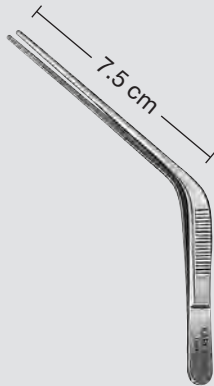
Instruments for Diagnosis and Therapy – Outer Ear

Forceps, Dressing Forceps

STORZ
KARL STORZ — ENDOSKOPE



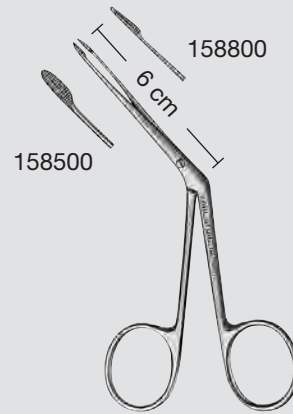
156000



157000



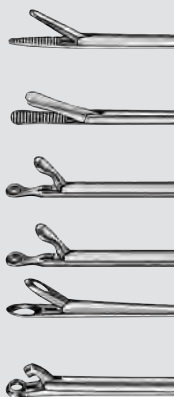
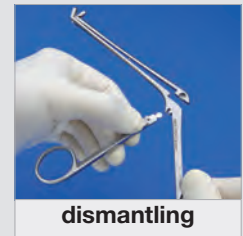
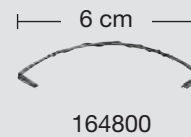
157100



- | | |
|--------|--|
| 156000 | LUCAE Ear Forceps , bayonet-shaped, length 14.5 cm |
| 157000 | TRÖLTSCH Ear Dressing Forceps , serrated, standard model, working length 7.5 cm |
| 157100 | TRÖLTSCH Ear Dressing Forceps , serrated, small and delicate, working length 4.5 cm |
| 158500 | HARTMANN Ear Dressing Forceps , slender, working length 6 cm |
| 158800 | Same , extra delicate |

Instruments for Diagnosis and Therapy – Outer Ear

Ear Forceps, Ear Snare, Snare Wire



161000

HARTMANN Ear Forceps, dismantling,
serrated, working length 8 cm

161200

Ear Forceps, dismantling, duckbill, flat,
serrated jaws, working length 8 cm

162020

HARTMANN Ear Forceps, dismantling, round cupped jaws,
diameter 2 mm, working length 8 cm

162025

Same, diameter 2.5 mm

162500

STRÜMPEL Ear Forceps,
dismantling, working length 8 cm

162800

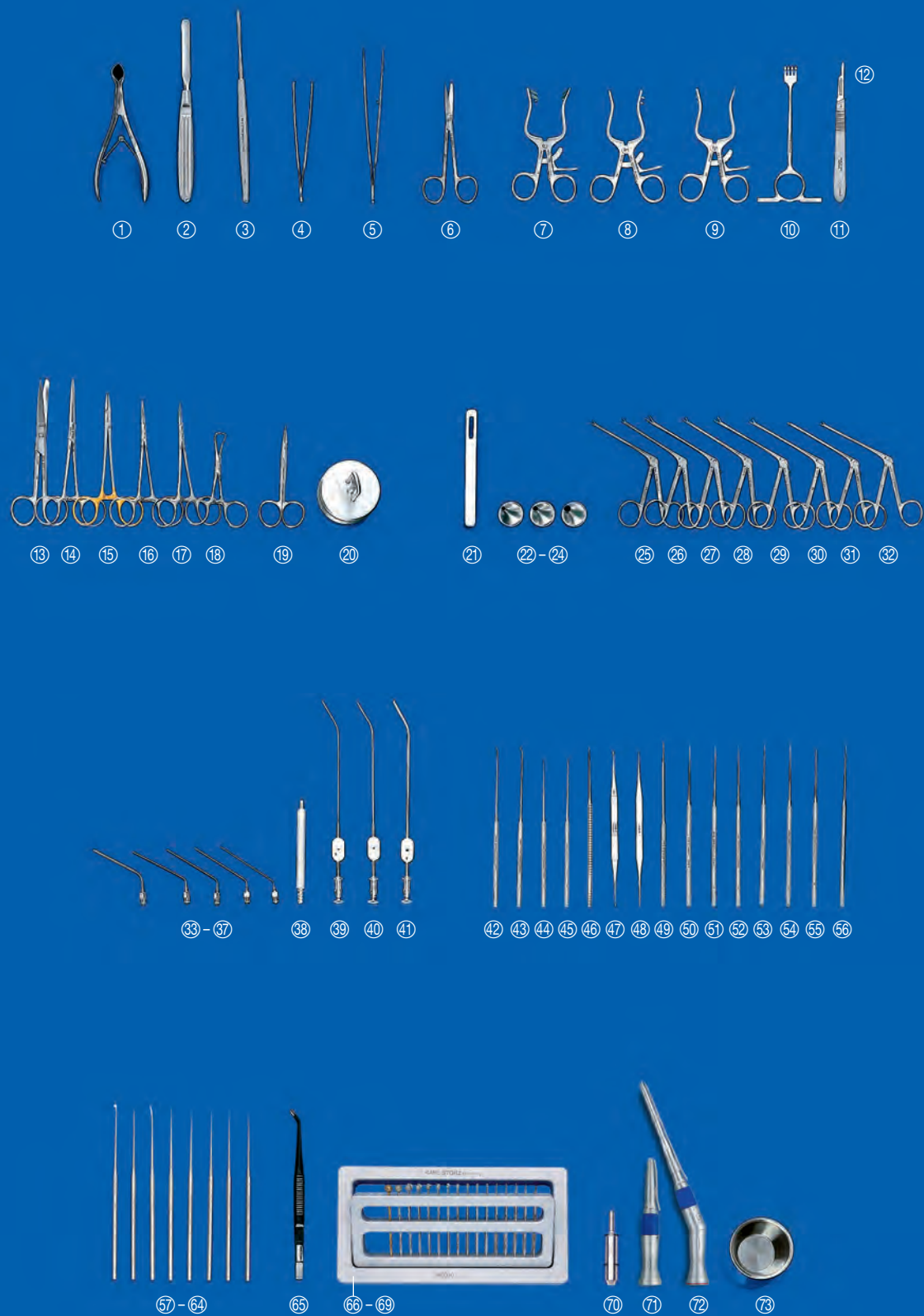
HARTMANN Ear Forceps, dismantling,
through-cutting, straight, working length 8 cm

164100

KRAUSE Ear Snare, length 18 cm

164800

Snare Wire, for Ear Snares 164100,
package of 25



Ear Microsurgery

PLESTER Basic Instrument Set

①	400500	HARTMANN Nasal Speculum , length 13 cm	④⑦	2x	224001	HOUSE Double Curette , large
②	213008	PLESTER Raspatory , width 8 mm	④⑧	2x	224002	Same , small
③	212803	LEMPERT Raspatory , width 3 mm	④⑨		225008	HEERMANN Hook , retrograde
④	213500	Tissue Forceps , 1 x 2 teeth, length 11.5 cm	⑤⑩		225405	Pick , 45°, size 0.5 mm
⑤	214000	WULLSTEIN Forceps , serrated, length 15 cm	⑤⑪		223400	KLEY Footplate Knife
⑥	213200	Scissors , curved, sharp/blunt, length 12 cm	⑤⑫	2x	224802	Footplate Hook , 0.2 mm, length 16 cm
⑦	2x	220211	⑤⑬	2x	224806	PLESTER Footplate Hook , 0.6 mm, length 16 cm
⑧	220411	Same , left side with full blade	⑤⑭		226600	Perforator
⑨	220511	Same , right side with full blade	⑤⑮		224400	PLESTER Guiding Fork
⑩	220700	WILLIGER Retractor , sharp	⑤⑯	2x	225410	Pick , 45°, size 1 mm
⑪	2x	208000	⑤⑰	2x	223100	PLESTER Round Knife , vertical
⑫	208015	Blade , Fig. 15, unsterile	⑤⑱	2x	226820	Round Knife 45°, diameter 2 mm
	208011	Same , Fig. 11 (not illustrated)	⑤⑲	2x	223300	PLESTER Sickle Knife
	208010	Same , Fig. 10 (not illustrated)	⑥①	2x	224303	WULLSTEIN Needle , slightly curved, length 16.5 cm
⑬	791202	Scissors , curved, pointed/blunt, length 14.5 cm	⑥②		225204	Pick , 90°, size 0.4 mm, length 16 cm
⑭	794014	ROCHESTER-PEAN Artery Forceps	⑥③		225206	Same , size 0.6 mm
⑮	516013	Needle Holder , tungsten carbide inserts, length 13 cm	⑥④		225208	Same , size 0.8 mm
⑯	535012	HALSTEAD "Mosquito" Artery Forceps , straight	⑥⑤		225210	Same , size 1 mm
⑰	2x	535212			239222	Magnetic Instrument Rack , 180 x 105 mm (not illustrated)
⑱	6x	796008			239900	Instrument Tray , 195 x 100 mm (not illustrated)
					239227	Magnetic Instrument Rack , 200 x 200 x 60 mm (not illustrated)
⑲	227600	GUILFORD-WRIGHT Wire Cutter , length 10 cm			39780 A	MiniSet Container (not illustrated)
⑳	227800	SCHUKNECHT Wire Bending Die	⑥⑥		842216	Bipolar Coagulation Forceps , length 16 cm
㉑	6x	223000			847000 E	Bipolar High Frequency Cord , for Bipolar Forceps 842216, to KARL STORZ AUTOCON®
㉒	122005	HARTMANN Ear Speculum , outer diameter 5 mm				Coagulator and Erbe Coagulator (not illustrated)
㉓	122006	Same , outer diameter 6 mm	⑥⑦		280030	Rack , for 36 straight shaft burs
㉔	122007	Same , outer diameter 7.5 mm	⑥⑧		261000	Tungsten Carbide Straight Shaft Burr , length 7 cm
㉕	221100	HARTMANN Ear Forceps , extra delicate	⑥⑨		262000	Diamond Straight Shaft Burr , length 7 cm
㉖	221200	Ear Forceps , extra delicate, pointed			265060	Diamond Straight Shaft Burr , cylindrical, diameter 6 mm
㉗	161000	HARTMANN Ear Forceps , serrated, working length 8 cm			40 7016 01-1	UNIDRIVE® S III ENT SCB (not illustrated)
㉘	221409	WULLSTEIN Ear Forceps , oval cupped jaws, 0.9 mm	⑦①		20 7110 33	High-Performance EC Micro Motor II
㉙	162020	HARTMANN Ear Forceps , round cupped jaws, diameter 2 mm	⑦②		20 7111 73	Connecting Cable (not illustrated)
㉚	222600	BELLUCCI Scissors , delicate standard model			252590	INTRA Drill Handpiece , straight
㉛	222800	HOUSE-DIETER Malleus Nipper			252575	Same , angled
㉜	227400	McGEE Wire Crimper			280053	Universal Spray , 500 ml bottle, - HAZARDOUS GOODS - UN 1950 (not illustrated)
㉝	4x	204007				Medicine Cup , 25 cm³
㉞	4x	204010				
㉟	4x	204013				
㊱	4x	204015				
㊲	4x	204020				
㊳	4x	204001				
㊴		204405				
㊵		204407				
㊶		204409				
㊷		152301				
㊸		223803				
㊹		153420				
㊺		153410				
㊻		224600				

Recommended Container Accessories (not illustrated) see page 29

Special Instrument Set for Middle Ear Surgery, Tympanoplasty and Stapedotomy

KARL STORZ — ENDOSKOPE



Ear Microsurgery

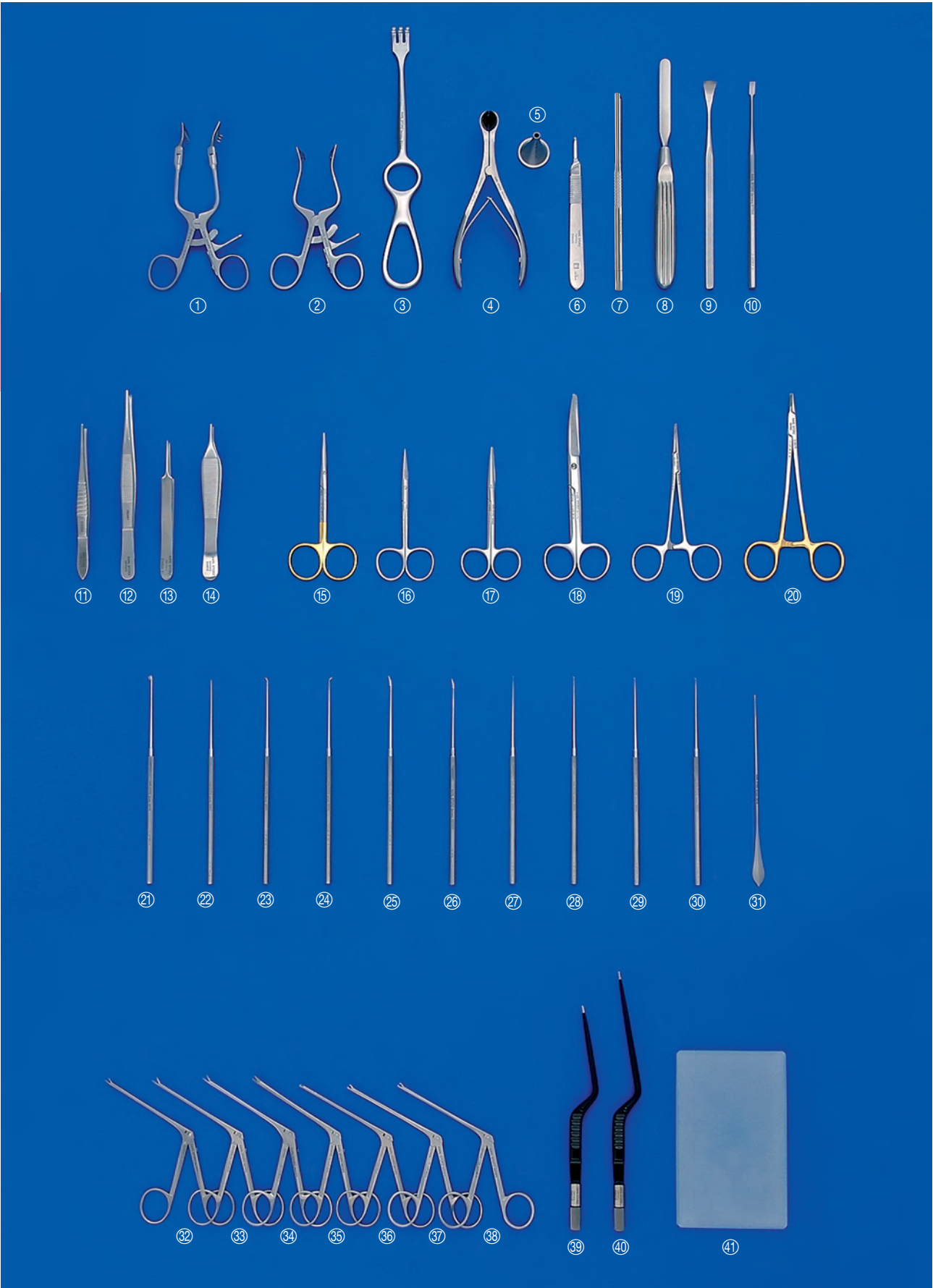
Special Instrument Set for Middle Ear Surgery,
Tympanoplasty and Stapedotomy

①	2x	220213	Retractor , 2 x 2 prongs, length 13 cm
②		792003	MAYO Scissors , curved, length 15 cm
③		535312	HALSTEAD "Mosquito" Artery Forceps , micro-model, curved, length 12.5 cm
④		213410	Scissors , extra delicate, curved, sharp/sharp, length 10.5 cm
⑤		206300	Suction and Irrigation Tube , conical, suction tube outer diameter 3.2 mm, irrigation tube outer diameter 2 mm, working length 9.5 cm
⑥		206600	Suction and Irrigation Tube , cylindrical, suction tube outer diameter 2.5 mm, irrigation tube outer diameter 2 mm, working length 9.5 cm
⑦		206700	Same , outer diameter suction tube 1.9 mm, irrigation tube outer diameter 1.9 mm
⑧		208000	Surgical Handle , Fig. 3, length 12.5 cm
⑨		211804	Dual Purpose Scalpel Handle , elevator on one side, scalpel handle no. 7 on the other side, length 16 cm
⑩		224003	HOUSE Double Curette , medium
⑪		214500 F	Jeweler Forceps , fine, pointed, soft spring, length 11 cm
⑫		793303 F	Forceps , 1 x 2 teeth, slender, soft spring, length 13 cm
⑬		214000 F	WULLSTEIN Forceps , soft spring, length 15 cm
⑭		213011	Raspatory , width 10 mm, length 16 cm
⑮		477500	FREER Raspatory , curved, width 4 mm, length 16.5 cm
⑯		204729	Suction Tube , outer diameter 1.2 mm
⑰		204730	Same , outer diameter 1.5 mm
⑱		204732	Same , outer diameter 2 mm
⑲		204733	Same , outer diameter 2.2 mm
⑳		204352	Suction Tube , angular, outer diameter 0.7 mm, working length 7 cm
㉑		204354	Same , outer diameter 1 mm
㉒		204250	Adaptor , with cut-off hole, LUER cone
㉓		226101	Micro Raspatory , single curved to right, length 16 cm
㉔		226102	Same , curved to left
㉕		226810	Round Knife 45° , diameter 1 mm, length 16 cm
㉖		226301	Tenotome , extra fine, length 16 cm
㉗		225405	Pick , 45°, size 0.5 mm, length 16 cm
㉘		225410	Same , size 1 mm
㉙		225415	Same , size 1.5 mm
㉚		225425	Same , size 2.5 mm
㉛		225205	Pick , 90°, size 0.5 mm, length 16 cm
㉜		225210	Same , size 1 mm
㉝		225215	Same , size 1.5 mm
㉞		225220	Same , size 2 mm
㉟		226600	Manual Perforator , diameter 0.3 mm, length 16 cm
㊱		226604	Same , diameter 0.4 mm
㊲		226605	Same , diameter 0.5 mm
㊳		226606	Same , diameter 0.6 mm
㊴		224812	Footplate Hook , curved upwards 90°
㊵		224813	Same , curved downwards 90°
㊶		226514	Measuring Caliper , angular, diameter 0.4 mm, length 16 cm
㊷		226516	Same , diameter 0.6 mm
㊸		226500	Measuring Rod , length 16 cm
㊹		221409	WULLSTEIN Ear Forceps , extra delicate, oval cupped jaws, 0.9 mm, working length 8 cm
㊺		221406	Same , 0.6 mm
㊻		162020	HARTMANN Ear Forceps , round cupped jaws, diameter 2 mm
㊼		221100	HARTMANN Ear Forceps , extra delicate, serrated, working length 8 cm
㊽		221201	Ear Forceps , extra delicate, serrated, 0.4 x 3.5 mm, working length 8 cm
㊾		221110	FISCH-HARTMANN Ear Forceps , extra delicate, smooth, 1 x 4.5 mm, working length 8 cm
㊿		222606	FISCH-BELLUCCI Micro Scissors , extra delicate scissor blades, with thin sheath, cutting length 3 mm, working length 8 cm
①		222603	FISCH-BELLUCCI Micro Scissors , extra delicate scissor blades, cutting length 3 mm, working length 8 cm
②		222501	FISCH-BELLUCCI Scissors , extra fine, cutting length 7 mm, working length 8 cm
③		222710	Crurotomy Scissors , curved to right, working length 7.5 cm
④		222720	Same , curved to left
⑤		222801	FISCH-DIETER Malleus Nipper , width 0.8 mm, working length 8 cm
⑥		239728	Metal Tray , for 20 straight ear micro instruments with octagonal Handle, 275 x 175 x 36 mm (not illustrated)

Accessories recommended for containers (not illustrated):

39502 Z	Wire Tray for Cleaning, Sterilization and Storage
39751 A2	Sterilization Container , with MicroStop®
39763 A2	Coding Label
39762 D2	Color Tab , blue

Further Accessories for Cleaning and Sterilization see HYGIENE catalog



Ear Microsurgery

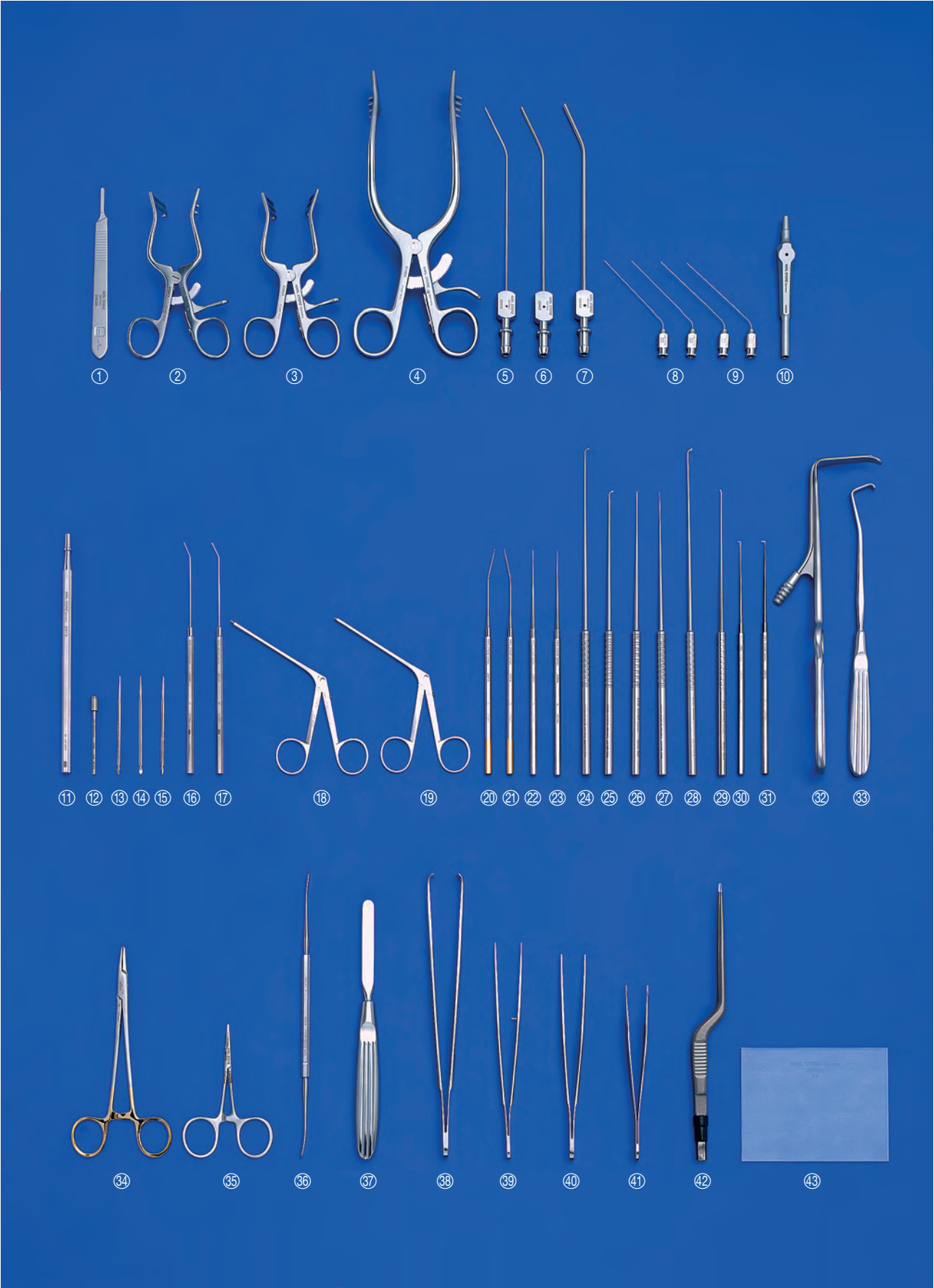
DALCHOW Instrument Set for Pediatric Tympanoplasty

- | | | |
|---|----------|---|
| ① | 219714 K | DALCHOW Retractor , 3 x 3 prongs, sharp, with adjustable swivel arms, length 14 cm |
| ② | 220211 K | DALCHOW Retractor , 2 x 2 prongs, length 11 cm |
| ③ | 800503 | VOLKMANN Retractor , blunt, 3 prongs, length 21 cm |
| ④ | 400500 | HARTMANN Nasal Speculum , length 13 cm |
| ⑤ | 122005 | HARTMANN Ear Speculum , standard model, outer diameter 5 mm, length 3.6 cm |
| ⑥ | 208000 | Surgical Handle , Fig. 3, length 12.5 cm |
| ⑦ | 496550 | Surgical Handle , for miniature blades, round, length 16.5 cm |
| ⑧ | 213008 | PLESTER Raspatory , width 8 mm, length 18 cm |
| ⑨ | 213011 | Raspatory , width 10 mm, length 16 cm |
| ⑩ | 477500 | FREER Raspatory , curved, width 4 mm, length 16.5 cm |
| ⑪ | 213500 | Tissue Forceps , 1 x 2 teeth, length 11.5 cm |
| ⑫ | 793401 | Tissue Forceps , 1 x 2 teeth, standard width, length 14.5 cm |
| ⑬ | 214500 F | Jeweler Forceps , fine, pointed, soft spring, length 11 cm |
| ⑭ | 533012 | ADSON Dressing Forceps , serrated, length 12 cm |
| ⑮ | 512511 | Scissors , with tungsten carbide inserts, blunt/blunt, curved, length 11 cm |
| ⑯ | 511010 | Scissors , extra delicate, straight, length 10 cm |
| ⑰ | 513410 | COTTLE Scissors , curved, length 10.5 cm |
| ⑱ | 791202 | Scissors , curved, sharp/blunt, length 14.5 cm |
| ⑲ | 535212 | HALSTEAD "Mosquito" Artery Forceps , curved, length 12.5 cm |
| ⑳ | 516015 | Needle Holder , tungsten carbide inserts, length 15 cm |
| ㉑ | 223100 | PLESTER Round Knife , vertical, standard size 3.5 x 2.5 mm, length 16 cm |
| ㉒ | 226810 | Round Knife 45° , diameter 1 mm, length 16 cm |
| ㉓ | 226101 | Micro Raspatory , single curved to right, length 16 cm |
| ㉔ | 226102 | Same , left |
| ㉕ | 223300 | PLESTER Sickle Knife , double-edged, standard model, slightly curved, length 16 cm |
| ㉖ | 223302 | PLESTER Sickle Knife , double-edged, medium curve, length 16 cm |
| ㉗ | 225204 | Pick , 90°, size 0.4 mm, length 16 cm |
| ㉘ | 225206 | Same , size 0.6 mm |
| ㉙ | 225208 | Same , size 0.8 mm |
| ㉚ | 225210 | Same , size 1 mm |
| ㉛ | 797114 | Myrtle Leaf Probe , diameter 1.5 mm, length 14.5 cm |
| ㉜ | 221201 | Ear Forceps, dismantling , extra delicate, serrated, 0.4 x 3.5 mm, working length 8 cm |
| ㉝ | 221200 | Same , pointed, 1 x 4.5 mm |
| ㉞ | 221100 | HARTMANN Ear Forceps, dismantling , extra delicate, serrated, working length 8 cm |
| ㉟ | 222600 | BELLUCCI Scissors, dismantling , delicate standard model, blade length 8 mm, working length 8 cm |
| ㊱ | 222801 | FISCH-DIETER Malleus Nipper, dismantling , extra delicate, upbiting, width 0.8 mm, working length 8 cm |
| ㊲ | 221406 | WULLSTEIN Ear Forceps, dismantling , extra delicate, oval cupped jaws, 0.6 mm, working length 8 cm |
| ㊳ | 221409 | Same , 0.9 mm |
| ㊴ | 844116 | Bipolar Coagulation Forceps , insulated, bayonet-shaped, pointed, length 16 cm |
| ㊵ | 844219 | Bipolar Coagulation Forceps , insulated, bayonet-shaped, blunt, width of tip 1 mm, length 19 cm |
| ㊶ | 847000 E | Bipolar High Frequency Cord , length 300 cm (not illustrated) |
| ㊷ | 231008 | Preparation Plate , glass, 10 x 8 cm |

Accessories recommended for containers (not illustrated):

- | | |
|----------|--|
| 39502 Z | Wire Tray for Cleaning, Sterilization and Storage |
| 39750 A2 | Sterilization Container , with MicroStop® |
| 39763 A2 | Coding Label |
| 39762 D2 | Color Tab , blue |

Further Accessories for Cleaning and Sterilization see HYGIENE catalog



11-03z

Ear Microsurgery

LENARZ Supplementary Instruments
for Cochlear Implantation

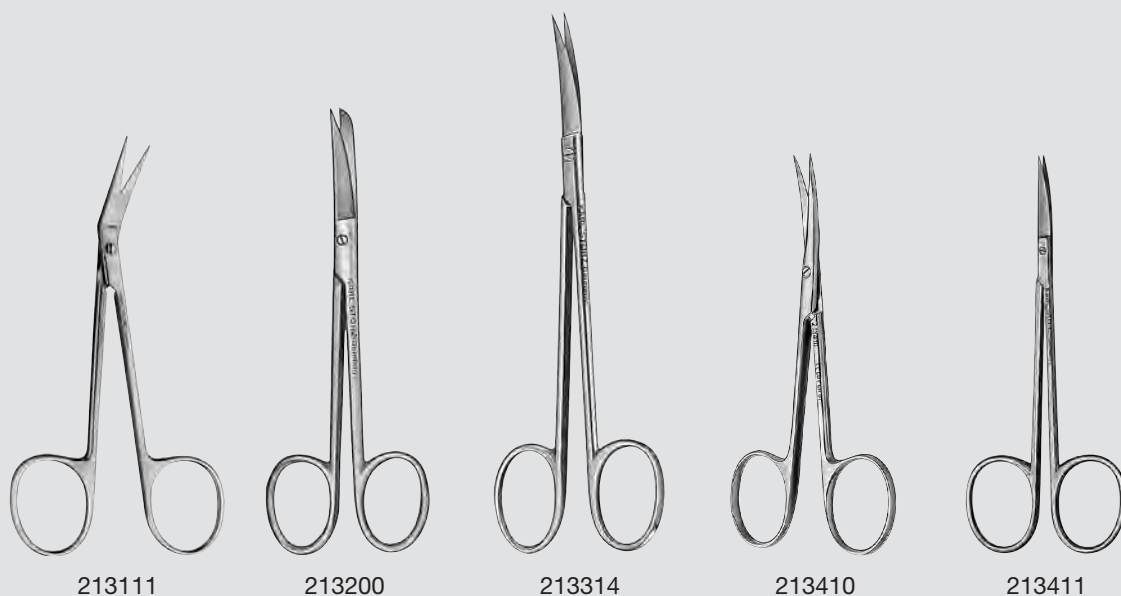
①	208000	Surgical Handle , Fig. 3, length 12.5 cm
②	220211	PLESTER Retractor , 2 x 2 prongs, length 11 cm
③	219511	WULLSTEIN Retractor , 3 x 3 prongs, length 11 cm
④	2x 214920	ANDERSON-ADSON Retractor , 4 x 4 prongs, sharp, curved, length 20 cm
⑤	204405	PLESTER Suction Tube , with grip plate, cut-off hole and stylet, LUER, 5 Fr., length 18 cm
⑥	204407	Same , 7 Fr.
⑦	204409	Same , 9 Fr.
⑧	2x 204005	Suction Tube , angular, LUER-Lock, outer diameter 0.5 mm, working length 6 cm
⑨	2x 204007	Same , outer diameter 0.7 mm
⑩	204004	WULLSTEIN Suction Handle , with cut-off hole, LUER cone, length 10 cm
⑪	233110	Octagonal Handle , with LUER cone, straight, length 17 cm
⑫	262550	Diamond Burr , barrel-shaped, diameter 5 mm, length 10 mm, for creating a flat bone edge during cochlea implantation surgery, blunt tip, with smooth shaft diameter 2.35 mm, length 44 mm
⑬	262506	Diamond Burr , shaft diameter 2.35 mm, diameter 0.6 mm, length 70 mm
⑭	262510	Same , diameter 1 mm
⑮	262514	Same , diameter 1.4 mm
⑯	223891	Seeker , extra delicate, angled 25°, with ball end diameter 1 mm, length 16 cm
⑰	223892	Same , with ball end diameter 1.5 mm
⑱	233212	Forceps, dismantling , for insertion of cochlea electrodes, nucleus 24 contour, curved to left, working length 6 cm
⑲	233211	Same , curved to right
⑳	233105	Micro Instrument Guide , for electrodes array, claw-shaped, tip angled upwards, length 16 cm
㉑	233106	Same , tip angled downwards
㉒	224802	Footplate Hook , 0.2 mm, length 16 cm
㉓	224806	PLESTER Footplate Hook , 0.6 mm, length 16 cm
㉔	28164 KLE*	Spoon Curette , distally angled 45°, distal width 0.9 mm, working length 13 cm
㉕	28164 KKE*	Spoon Curette , distally angled 45°, distal width 0.9 mm, working length 10 cm
㉖	28164 TKE*	Round Knife , distally angled 45°, distal diameter 2 mm, working length 10 cm
㉗	28164 TKB*	Round Knife , distally angled 45°, distal diameter 1 mm, working length 10 cm
㉘	28164 KLB*	Spoon Curette , distally angled 45°, distal width 1.3 mm, working length 13 cm
㉙	28164 KKD*	Spoon Curette , distal width 0.9 mm, working length 10 cm
㉚	226111	CRABTREE Dissector , 90°, flat, distal width 0.5 mm, distal length 1.5 mm, length 16 cm
㉛	226112	Same , distal length 2.5 mm
㉜	801814	LENARZ Retractor , 43 x 11 mm, slim and flat blade with integrated suction tube, length 21.5 cm
㉝	786500	SCHÖNBORN Thymus Retractor , width 5 mm, length 20.5 cm
㉞	516015	Needle Holder , tungsten carbide inserts, length 15 cm
㉟	536909	Dissecting and Ligature Forceps , straight, smooth jaws, length 9.5 cm
㊱	474000	FREER Elevator , double-ended, semisharp and blunt, length 20 cm
㊲	213008	PLESTER Raspator , width 8 mm, length 18 cm
㊳	662721	ALLIS Forceps , with fine teeth, length 20 cm
㊴	214000	WULLSTEIN Forceps , serrated, length 15 cm
㊵	792403	Dressing Forceps , narrow width, length 14.5 cm
㊶	533212	ADSON-BROWN Tissue Forceps , atraumatic, fine side grasping teeth, length 12 cm
	844319	Bipolar Coagulation Forceps , insulated, bayonet-shaped, slender, tip 0.5 mm wide, length 19 cm
	847000 E	Bipolar High Frequency Cord , length 300 cm (not illustrated)
㊸	231008	Preparation Plate , glass, 10 x 8 cm

Recommended Accessories for Containers (not illustrated):

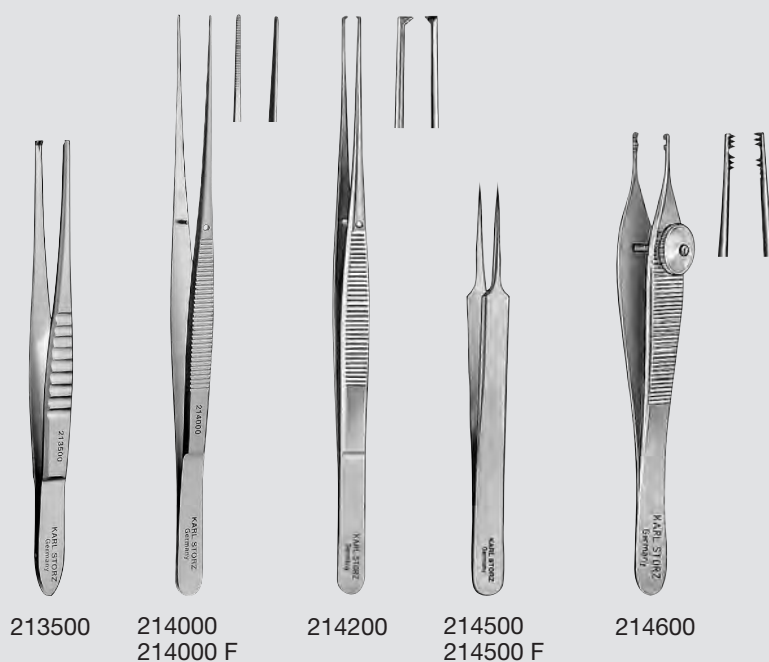
39502 ZH	Wire Tray for Cleaning, Sterilization and Storage
39740 A2	Sterilization Container , with MicroStop®
39763 A2	Coding Label
39762 D2	Color Tab , blue

Further Accessories for Cleaning and Sterilization see HYGIENE catalog

* Currently not available on CE markets.



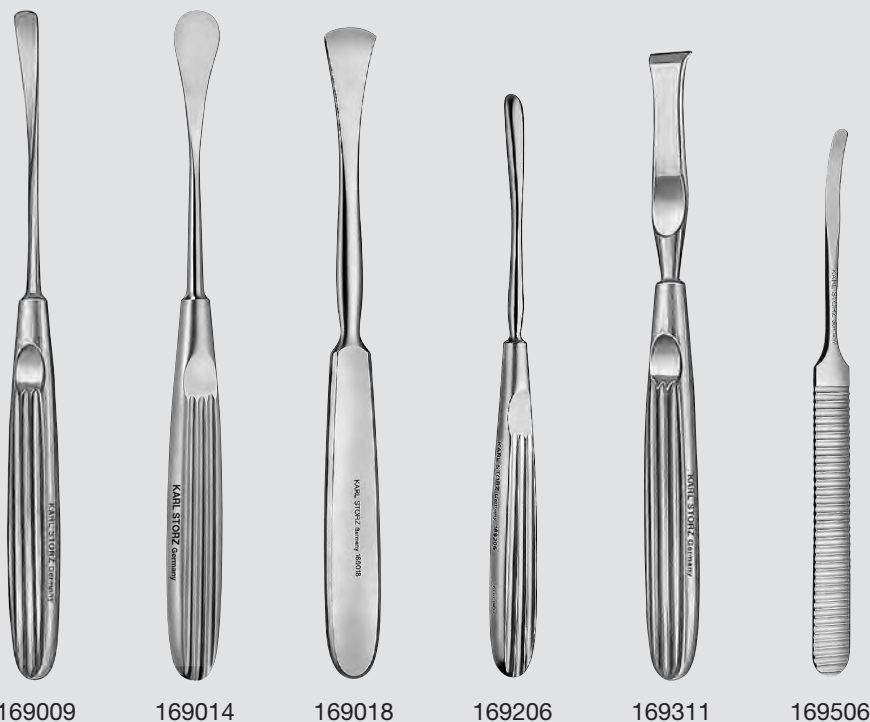
- | | |
|--------|---|
| 213111 | Scissors , angled, very delicate, sharp/sharp, length 11 cm |
| 213200 | Scissors , curved, sharp/blunt, length 12 cm |
| 213314 | WULLSTEIN Scissors , curved, sharp/sharp, length 14 cm |
| 213410 | Scissors , extra delicate, curved, sharp/sharp, length 10.5 cm |
| 213411 | Scissors , fine, curved, sharp/sharp, length 10.5 cm |



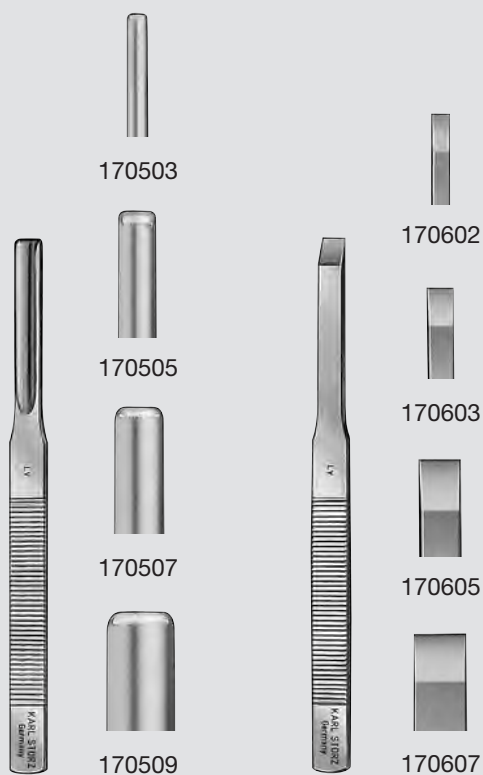
- | | |
|----------|---|
| 213500 | Tissue Forceps , 1 x 2 teeth,
length 11.5 cm |
| 214000 | WULLSTEIN Forceps ,
serrated, length 15 cm |
| 214000 F | Same , soft spring-action |
| 214200 | WULLSTEIN Forceps , 1 x 2 teeth,
length 15 cm |
| 214500 | Jeweler Forceps , fine, pointed,
length 11 cm |
| 214500 F | Same , soft spring-action |
| 214600 | DERLACKI Ossicle Holding Clamp ,
length 12 cm |

Ear Microsurgery

Raspatories, Elevator



- | | |
|--------|--|
| 169009 | JANSEN Raspatory , width 9 mm, length 19.5 cm |
| 169014 | Same , width 14 mm |
| 169018 | LANGENBECK Raspatory , width 18 mm, length 19 cm |
| 169206 | Raspatory , ERLANGEN model, slightly curved, width 6 mm, length 17.5 cm |
| 169311 | FARABEUF Raspatory , width 11 mm, length 18 cm |
| 169506 | WILLIGER Elevator , width 5 mm, length 16 cm |



- | | |
|--------|---|
| 170503 | TRAUTMANN Mastoid Gouge ,
width 3 mm, length 14 cm |
| 170505 | Same , width 5 mm |
| 170507 | Same , width 7 mm |
| 170509 | Same , width 9 mm |
| 170602 | TRAUTMANN Mastoid Chisel ,
width 2 mm, length 14 cm |
| 170603 | Same , width 3 mm |
| 170605 | Same , width 5 mm |
| 170607 | Same , width 7 mm |

Ear Microsurgery

Metal Mallets, Mastoid Curettes

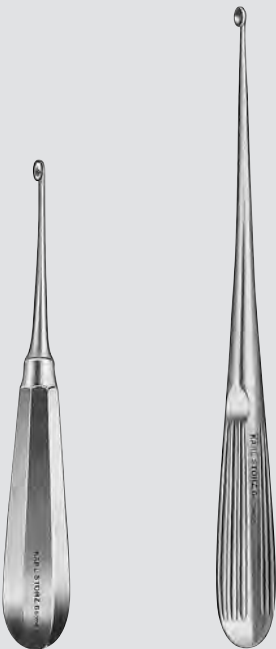


174200

174700

174800

- 174200
- COTTLE **Metal Mallet**,
length 18 cm
- 174700
- Metal Mallet**, with plastic
replacement head, small,
lightweight model, length 18 cm
- 174800
- Metal Mallet**, with plastic
replacement head, length 22.5 cm



175840 –
175804

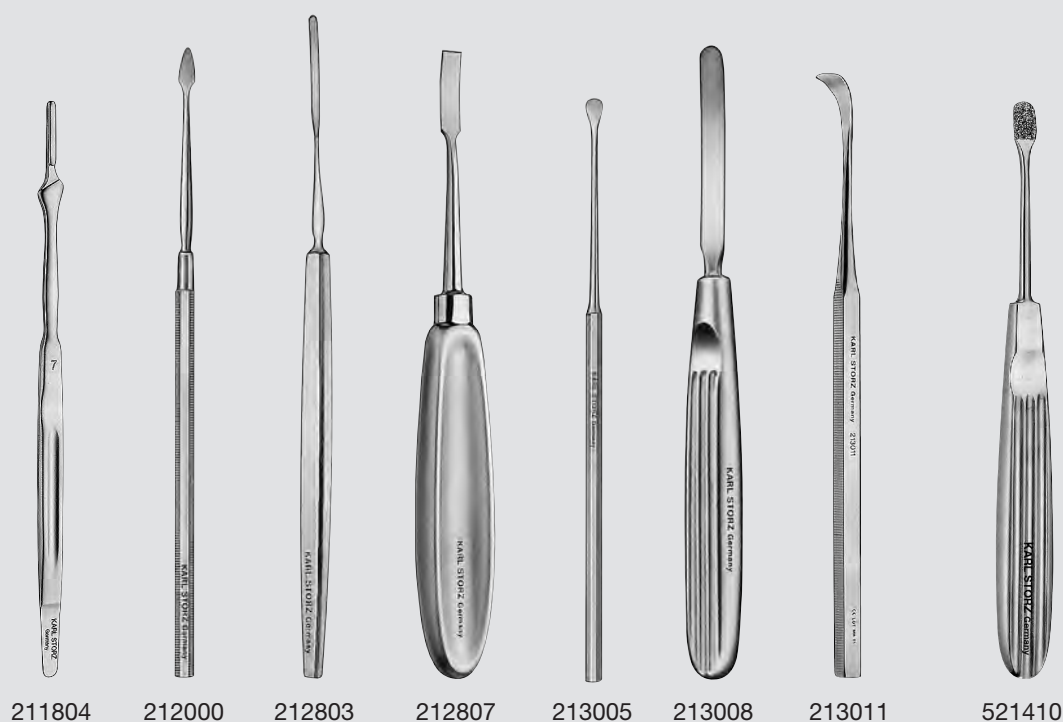
176040 –
176010

-  175840
-  175820
-  175810
-  175801
-  175802
-  175803
-  175804
-  176040
-  176030
-  176010
- SPRATT **Mastoid Curette**,
size 0000, length 16.5 cm
- Same**, size 00
- Same**, size 0
- SPRATT **Mastoid Curette**,
size 1, length 16.5 cm
- Same**, size 2
- Same**, size 3
- Same**, size 4
- LEMPERT **Mastoid Curette**,
size 0000, length 21 cm
- Same**, size 000
- Same**, size 0

Note:
Additional information on further metal mallets and mastoid curette sizes is available
from KARL STORZ on request.
Components/Spare Parts see ENT catalog

Ear Microsurgery

Raspatories, Rasp



- 211804 **Dual Purpose Scalpel Handle**, elevator on one side,
scalpel handle no. 7 on the other side, length 16 cm
- 212000 **WULLSTEIN Raspatory**,
length 18 cm
- 212803 **LEMPERT Raspatory**, width 3 mm,
length 19 cm
- 212807 **LEMPERT Raspatory**, curved,
width 7 mm, length 18 cm
- 213005* **Dura Elevator**, width 5 mm,
length 16 cm
- 213008 **PLESTER Raspatory**, width 8 mm,
length 18 cm
- 213011 **Raspatory**, width 10 mm,
length 16 cm
- 521410 **RAUNIG Rasp**, diamond coated,
rasp blade 6 x 10 mm, length 16.5 cm

* Currently not available on CE markets.



200400



200600



201000



489044

- | | |
|--------|--|
| 200400 | BEYER Rongeur , slender, curved, length 17 cm |
| 200600 | LEMPERT Rongeur , slender, straight, length 15.5 cm |
| 201000 | JANSEN Rongeur , bayonet-shaped, length 17 cm |
| 489044 | LUER-RUSKIN Rongeur , with double joint, curved, 2 mm, length 15 cm |

Ear Microsurgery

Retractor, Valves

Special Features:

- Movable blades allow retraction of the operative field
- Exchangeable blades (2-prong/3-prong/full blade) allow individual adjustment of the retractor
- 5 different blades available
- One retractor replaces many different models
- Relatively low blade replacement costs



219550



219552



219553



219555

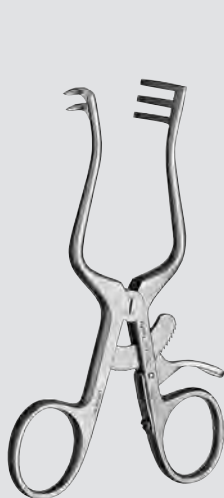


219562



219563

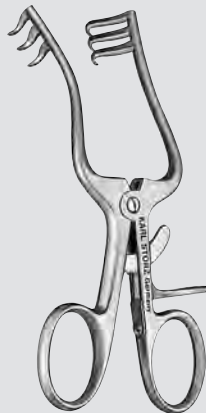
- | | |
|--------|---|
| 219550 | OTT Retractor , length 13 cm, for use with adjustable, detachable valves 219552 – 219563 |
| 219552 | Valve , 2 prongs, 45°, blunt, for use with Retractor 219550 |
| 219553 | Same , 3 prongs |
| 219555 | Valve , full blade, for use with Retractor 219550 |
| 219562 | Valve , 2 prongs, 90°, blunt, for use with Retractor 219550 |
| 219563 | Same , 3 prongs |



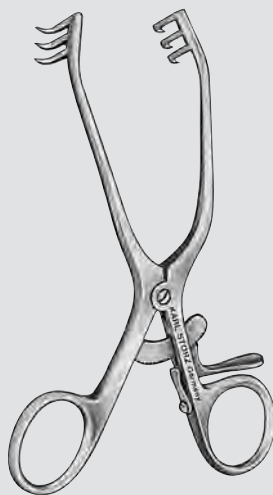
214811



214813
214816



219511
219513



219613



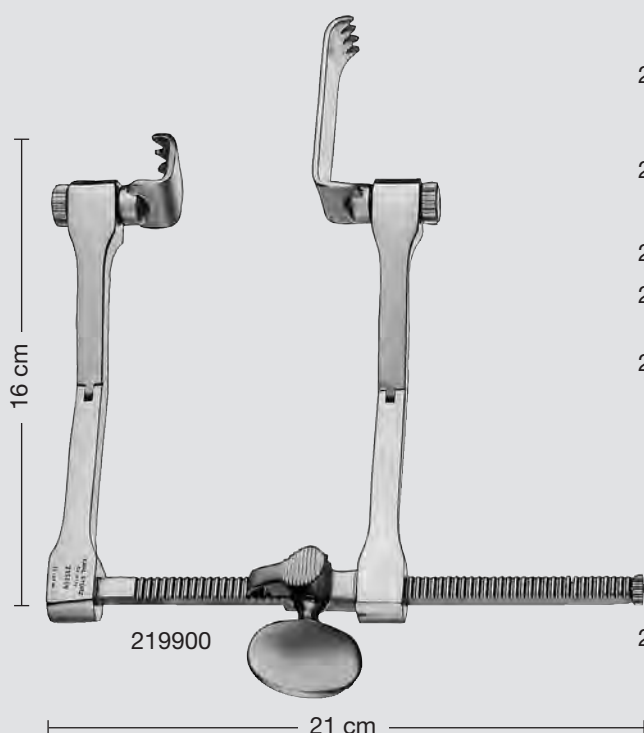
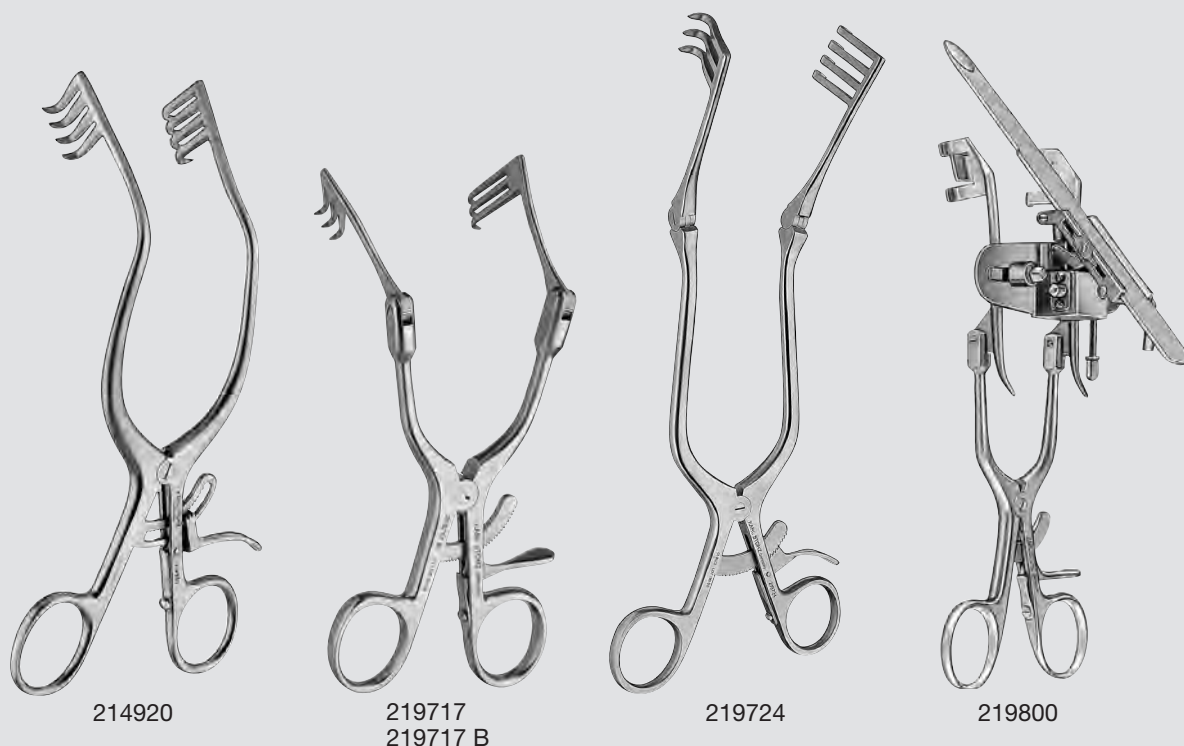
219714 K

- 214811 WEITLANER **Retractor**, 2 x 3 prongs, blunt, length 11 cm
- 214813 WEITLANER **Retractor**, 3 x 4 prongs, sharp, length 13 cm
- 214816 **Same**, length 16 cm

- 219511 WULLSTEIN **Retractor**, 3 x 3 prongs, length 11 cm
- 219513 **Same**, length 13 cm
- 219613 BELLUCCI **Retractor**, 3 x 3 prongs, length 13 cm
- 219714 K DALCHOW **Retractor**, small model, 3 x 3 prongs, sharp, with adjustable swivel arms, length 14 cm

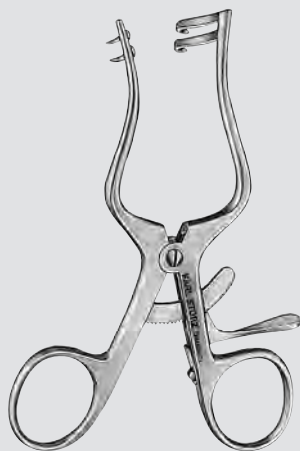
Ear Microsurgery

Retractors, Dura Retractor, Glomus Retractor



- 214920 **ANDERSON-ADSON Retractor**,
4 x 4 prongs, sharp, curved,
length 20 cm
- 219717 **Retractor**, articulated,
3 x 3 prongs, semisharp,
length 17 cm
- 219717 B **Same**, sharp
- 219724 **Retractor**, articulated, 3 x 4 prongs,
sharp, length 24 cm
- 219800 * **Dura Retractor**, length 18 cm
including:
Spatula, straight, length 12 cm
Spatula, straight, length 15 cm
Spatula, curved, length 15 cm
Spatula Attachment, for adjustment
of spatulas
Wrench, for spatula attachment
- 219900 * **Glomus Retractor** (infratemporal
fossa retractor), size 21 x 16 cm
including:
Retractor Blade, short
Retractor Blade, long
Retractor Blade, long and slim,
with drill hole
Retractor Frame, without blades

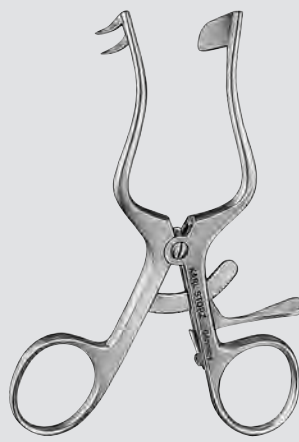
* Currently not available on CE markets.
Components/Spare Parts see ENT catalog



220211 –
220213



220411



220511



220421

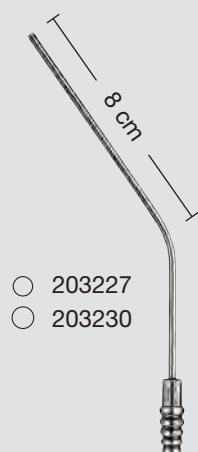


220521



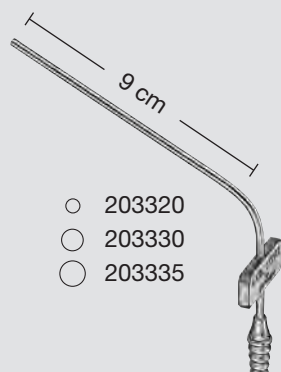
220700

- 220211 PLESTER **Retractor**, 2 x 2 prongs, length 11 cm
- 220211 K DALCHOW **Retractor**, small model, 2 x 2 prongs, length 11 cm
- 220213 **Retractor**, 2 x 2 prongs, length 13 cm
- 220411 PLESTER **Retractor**, 2 prongs on right, left full blade, length 11 cm
- 220421 PLESTER-HELMS **Retractor**, 2 prongs on right, full blade on left, with atraumatic teeth, length 11 cm
- 220511 PLESTER **Retractor**, 2 prongs on left, full blade on right, length 11 cm
- 220521 PLESTER-HELMS **Retractor**, 2 prongs on left, full blade on right, with atraumatic teeth, length 11 cm
- 220700 WILLIGER **Retractor**, 4 prongs, sharp, length 13 cm



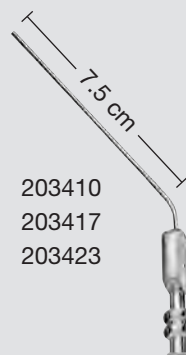
- 203227
- 203230

203227



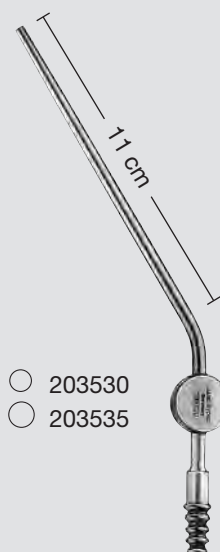
- 203320
- 203330
- 203335

203320



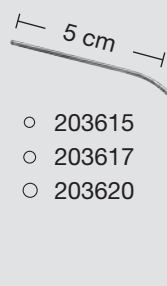
- 203410
- 203417
- 203423

203410 –
203423



- 203530
- 203535

203530



- 203615
- 203617
- 203620

203615 –
203620

203227

Suction Tube, angular, cylindrical, LUER, outer diameter 2.7 mm, working length 8 cm

203230

Same, outer diameter 3 mm

203320

Suction Tube, angular, with grip plate and cut-off hole, LUER, outer diameter 2 mm, working length 9 cm

203330

Same, outer diameter 3 mm

203335

Same, outer diameter 3.5 mm

203410

BARON Suction Tube, angular, with grip plate, cut-off hole and stylet, LUER-Lock, outer diameter 1 mm, working length 7.5 cm

203417

Same, outer diameter 1.7 mm

203423

Same, outer diameter 2.3 mm

203530

Suction Tube, angular, conical, LUER, with grip plate, outer diameter 3 mm, working length 11 cm

203535

Same, outer diameter 3.5 mm

203615

BARNES Suction Tube, with cut-off hole, LUER-Lock, outer diameter 1.5 mm, working length 5 cm

203617

Same, outer diameter 1.7 mm

203620

Same, outer diameter 2 mm

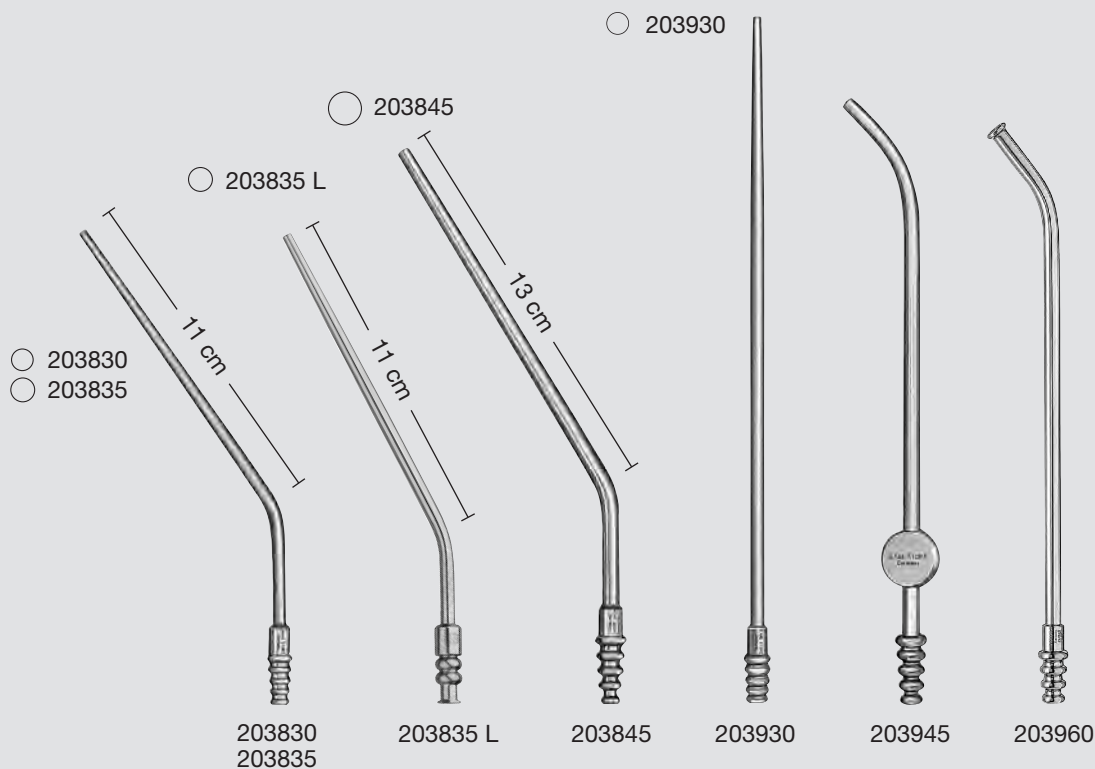
Further Suction Tubes see ENT catalog

The diagram illustrates four different suction tube models. Each model is shown with its dimensions and a list of available part numbers. The tubes are labeled with their respective part numbers and dimensions.

- Model 203710 - 203715:** Working length 9 cm. Part numbers: 203710, 203715.
- Model 203720:** Working length 9 cm. Part number: 203720.
- Model 203725 K:** Working length 7 cm. Part number: 203725 K.
- Model 203725 - 203750:** Working length 11 cm. Part numbers: 203725, 203730, 203740, 203750.

Part Number	Description
203710	Suction Tube , cylindrical, LUER, outer diameter 1 mm, working length 9 cm
203715	Same , outer diameter 1.5 mm
203720	Same , outer diameter 2 mm
203725 K	Suction Tube , cylindrical, LUER, outer diameter 2.5 mm, working length 7 cm
203725	Same , working length 11 cm
203730	Suction Tube , cylindrical, LUER, outer diameter 3 mm, working length 11 cm
203740	Same , outer diameter 4 mm
203750	Same , outer diameter 5 mm

Further Suction Tubes see ENT catalog

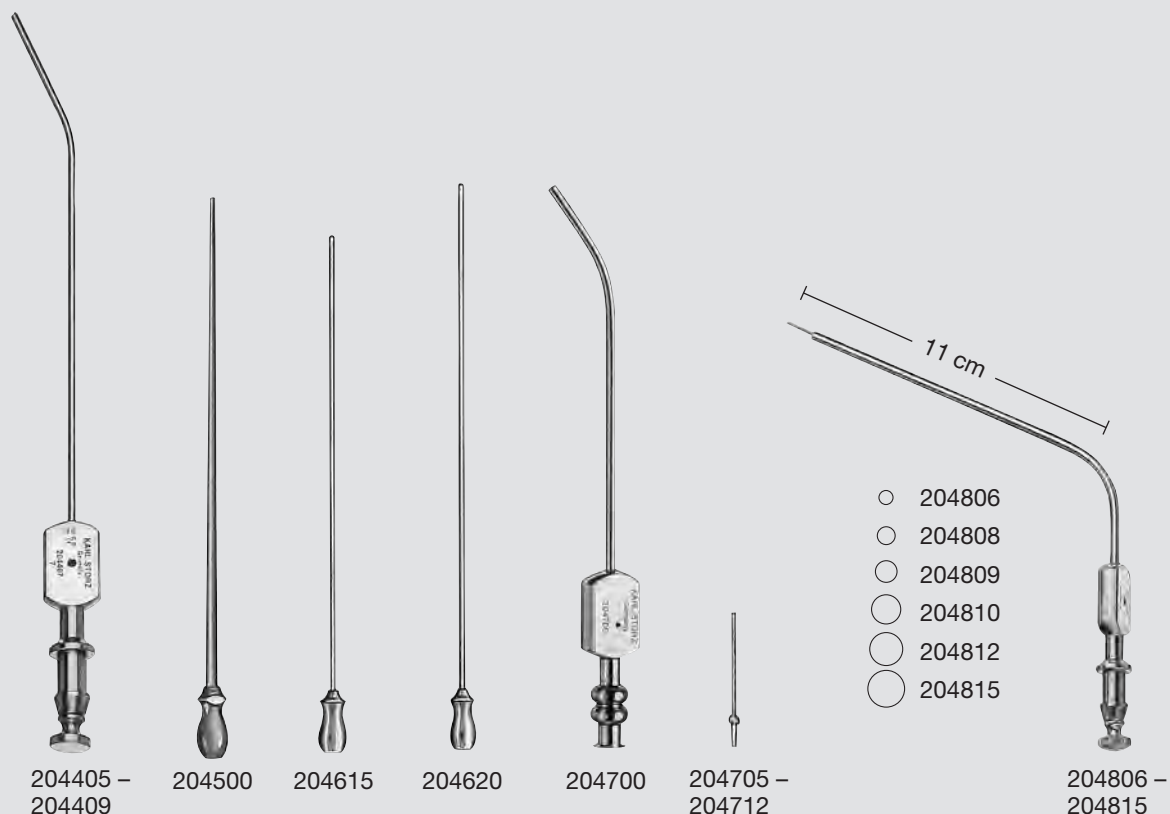


203830	Suction Tube , conical, LUER, outer diameter 3 mm, working length 11 cm
203835	Same , outer diameter 3.5 mm
203835 L	Suction Tube , conical, LUER-Lock, outer diameter 3.5 mm, working length 11 cm
203845	Suction Tube , conical, LUER, outer diameter 4.5 mm, working length 13 cm
203930	Suction Tube , malleable, LUER, outer diameter 3 mm, length 22.5 cm
203945	Suction Tube , curved, conical, outer diameter 4.5 mm, length 20 cm
203960	Suction Tube , curved, with olive, outer diameter 6 mm, length 19 cm

Further Suction Tubes see ENT catalog

Ear Microsurgery

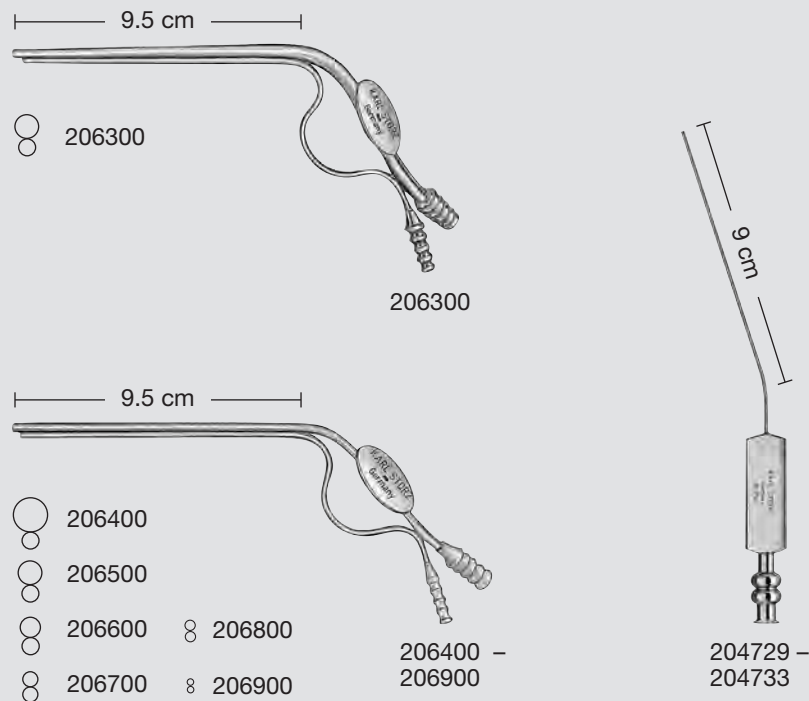
Suction Tubes, Suction Tips



204405	PLESTER Suction Tube , with grip plate, cut-off hole and stylet, LUER, 5 Fr., length 18 cm
204407	Same , 7 Fr.
204408	Same , 8 Fr.
204409	Same , 9 Fr.
204500	WULLSTEIN Suction and Irrigation Tube , conical, silver, LUER, outer diameter 1 mm, length 13 cm
204615	Suction and Irrigation Tube , cylindrical, silver, LUER, outer diameter 1.5 mm, length 13 cm
204620	Suction and Irrigation Tube , cylindrical, silver, LUER, outer diameter 2 mm, length 15 cm
204700	ZÖLLNER Suction Tube , LUER-Lock, outer diameter 2.5 mm, length 13 cm

204705	Suction Tip , for 204700, outer diameter 0.5 mm, length 4 cm
204707	Same , outer diameter 0.7 mm
204709	Same , outer diameter 0.9 mm
204712	Same , outer diameter 1.2 mm
204806	FERGUSON Suction Tube , with cut-off hole and stylet, LUER, 6 Fr., working length 11 cm
204808	Same , 8 Fr.
204809	Same , 9 Fr.
204810	Same , 10 Fr.
204812	Same , 12 Fr.
204815	Same , 15 Fr.

Further Suction Tubes see ENT catalog

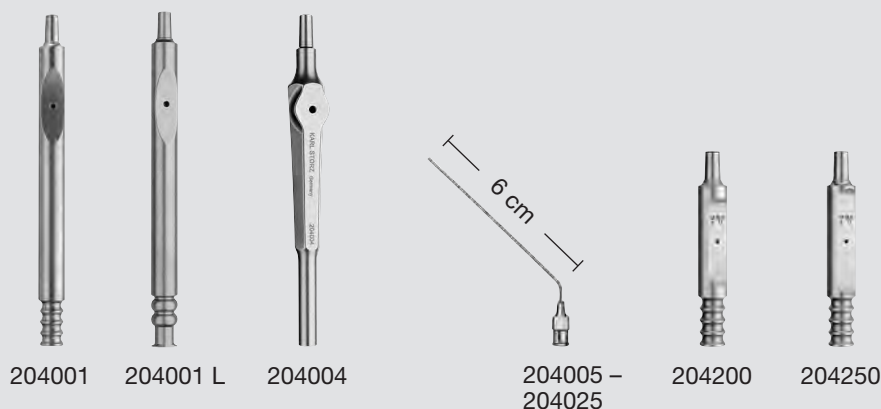


206300	Suction and Irrigation Tube , conical, suction tube outer diameter 3.2 mm, irrigation tube outer diameter 2 mm, working length 9.5 cm
206400	Suction and Irrigation Tube , cylindrical, suction tube outer diameter 4.5 mm, irrigation tube outer diameter 2 mm, working length 9.5 cm
206500	Same , suction tube outer diameter 3 mm, irrigation tube outer diameter 2 mm
206600	Same , suction tube outer diameter 2.5 mm, irrigation tube outer diameter 2 mm
206600	Same , suction tube outer diameter 2.5 mm, irrigation tube outer diameter 2 mm
206800	Same , suction tube outer diameter 1.5 mm, irrigation tube outer diameter 1.5 mm
206900	Same , suction tube outer diameter 1 mm, irrigation tube outer diameter 1 mm
204729	Suction Tube , angular, with grip plate, outer diameter 1.2 mm, working length 9 cm
204730	Same , outer diameter 1.5 mm
204732	Same , outer diameter 2 mm
204733	Same , outer diameter 2.2 mm

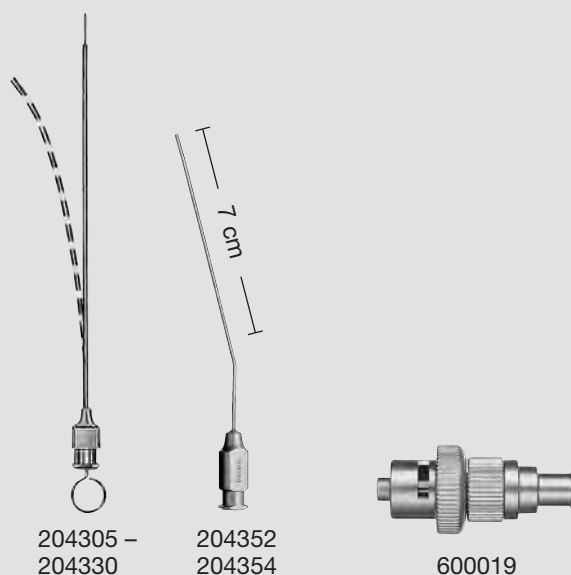
Further Suction Tubes see ENT catalog

Ear Microsurgery

Suction Handles, Suction Tubes



- | | |
|----------|---|
| 204001 | Suction Handle , with cut-off hole, LUER cone, length 10 cm, for use with Suction Tubes 204005 – 204025, 204305 – 204330 |
| 204001 L | Suction Handle , with cut-off hole, LUER-Lock, length 10 cm, for use with Suction Tubes 204005 – 204025, 204305 – 204330 |
| 204004 | WULLSTEIN Suction Handle , with cut-off hole, LUER cone, length 10 cm, for use with Suction Tubes 204005 – 204025, 204305 – 204330 |
| 204005 | Suction Tube , angular, LUER-Lock, outer diameter 0.5 mm, working length 6 cm |
| 204007 | Same , outer diameter 0.7 mm |
| 204008 | Same , outer diameter 0.8 mm |
| 204010 | Same , outer diameter 1 mm |
| 204013 | Same , outer diameter 1.3 mm |
| 204015 | Same , outer diameter 1.5 mm |
| 204020 | Same , outer diameter 2 mm |
| 204025 | Same , outer diameter 2.5 mm |
| 204200 | Suction Handle , with cut-off hole, LUER cone, length 5.5 cm, for use with Suction Tubes 204005 – 204025, 204305 – 204330 |
| 204250 | Suction Handle , with long thumb grip, cut-off hole diameter 1 mm, inner diameter 1.7 mm, LUER cone, length 5.5 cm, for use with Suction Tubes 204352 – 204354 |



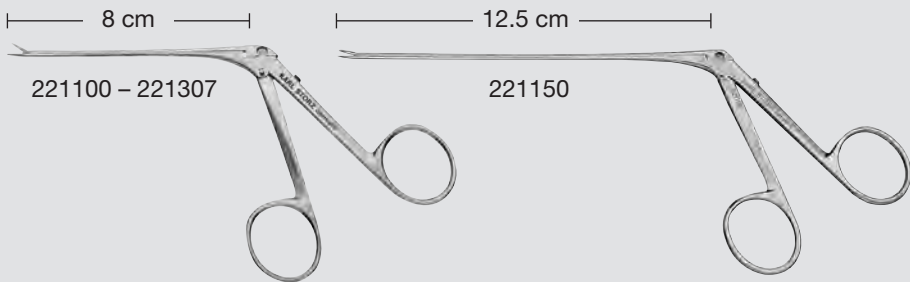
204305	Suction Tube , straight, LUER-Lock, malleable, outer diameter 0.5 mm, length 10 cm
204307	Same , outer diameter 0.7 mm
204310	Same , outer diameter 1 mm
204313	Same , outer diameter 1.3 mm
204315	Same , outer diameter 1.5 mm
204320	Same , outer diameter 2 mm
204325	Same , outer diameter 2.5 mm
204330	Same , outer diameter 3 mm
204352	Suction Tube , angular, malleable, LUER-Lock, outer diameter 0.7 mm, working length 7 cm, for use with Handle 204250
204354	Same , outer diameter 1 mm
600019	LUER Cone Connector , male, rotating

Further Suction Tubes see ENT catalog

Ear Microsurgery

Ear Forceps

Ear Forceps, working lengths 8 cm and 12.5 cm, dismantling



221100 HARTMANN Ear Forceps, dismantling, extra delicate, serrated, 1 x 4.5 mm, working length 8 cm



221150 Same, working length 12.5 cm



221105 FISCH-HARTMANN Ear Forceps, dismantling, delicate, serrated, 1.2 x 8 mm, working length 8 cm



221110 FISCH-HARTMANN Ear Forceps, dismantling, extra delicate, smooth, 1 x 4.5 mm, working length 8 cm



221111 Ear Forceps, dismantling, extra delicate, smooth, 0.4 x 3.5 mm, working length 8 cm



221111 FN Same, with black coating



221112 Ear Forceps, dismantling, straight, with spring, smooth, 4 mm, working length 8 cm



221200 Ear Forceps, dismantling, extra delicate, pointed, serrated, 1 x 4.5 mm, working length 8 cm



221201 Ear Forceps, dismantling, extra delicate, serrated, 0.4 x 3.5 mm, working length 8 cm



221304 Ear Forceps, dismantling, extra delicate, serrated, curved to right, working length 8 cm



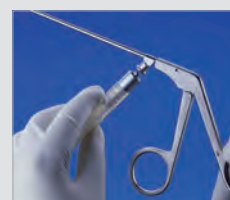
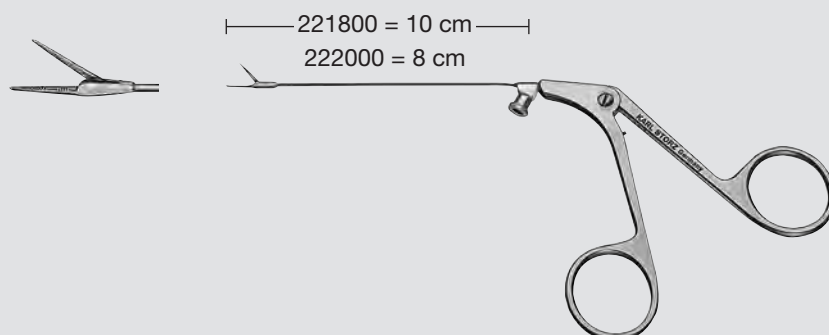
221305 Same, curved to left



221307 Same, curved upwards



Ear Forceps, working lengths 8 cm and 10 cm, with cleaning connector



with cleaning connector



221800

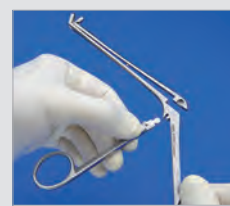
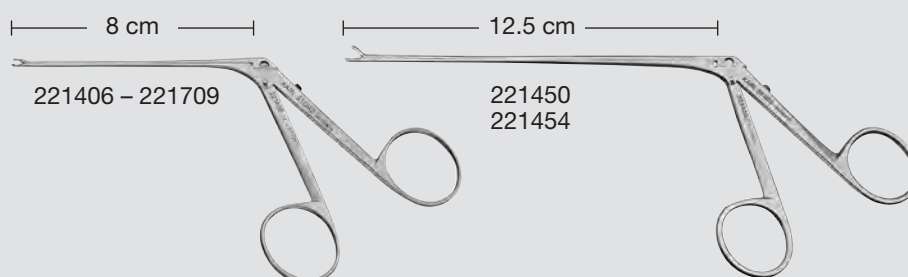
HEERMANN Ear Forceps, straight, with cleaning connector, working length 10 cm



222000

Same, extra delicate, working length 8 cm

Ear Forceps, working lengths 8 cm, 10 cm and 12.5 cm, dismantling



dismantling



221406

WULLSTEIN Ear Forceps, dismantling, extra delicate, oval cupped jaws, 0.6 mm, working length 8 cm



221406 F

Ear Forceps, dismantling, extra delicate, oval cupped jaws, 0.6 mm, with thin sheath, working length 8 cm



221406 FN

Same, with black coating



221409

WULLSTEIN Ear Forceps, dismantling, extra delicate, oval cupped jaws, 0.9 mm, working length 8 cm



221450

WULLSTEIN Ear Forceps, dismantling, extra delicate, round cupped jaws, diameter 1 mm, working length 12.5 cm



221454

Ear Forceps, dismantling, round cupped jaws, diameter 3 mm, working length 12.5 cm



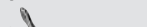
221509

WULLSTEIN Ear Forceps, dismantling, extra delicate, oval cupped jaws, curved to right, 0.9 mm, working length 8 cm



221609

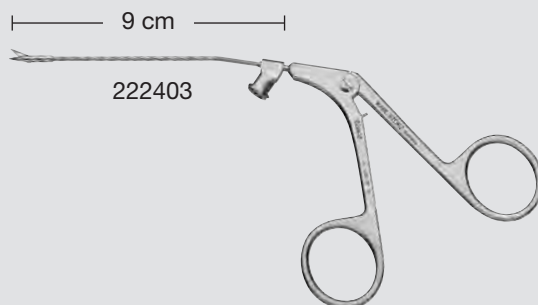
Same, curved to left



221709

Same, curved upwards

Scissors, working lengths 8 cm and 9 cm



with cleaning connector



222401

WULLSTEIN Scissors, delicate, straight, with cleaning connector, working length 9 cm



222402

Same, curved upwards



222403

Same, curved to left



222404

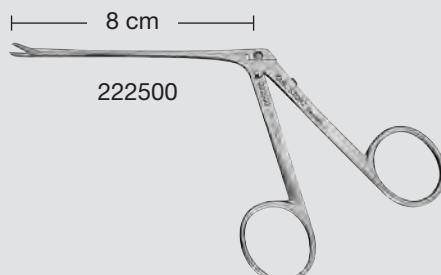
Same, curved to right



222405

WULLSTEIN Scissors, extra delicate, straight, with cleaning connector, working length 8 cm

Scissors and Micro Scissors, working length 8 cm, dismantling



dismantling



222500

BELLUCCI Scissors, dismantling, cutting length 8 mm, working length 8 cm



222501

FISCH-BELLUCCI Scissors, dismantling, extra fine blade, cutting length 7 mm, working length 8 cm



222600

BELLUCCI Scissors, dismantling, delicate standard model, cutting length 8 mm, working length 8 cm



222601

FISCH-BELLUCCI Micro Ear Scissors, dismantling, beaked scissors blades, cutting length 7 mm, working length 8 cm



222602

HOUSE-BELLUCCI Scissors, dismantling, extra delicate, working length 8 cm



222604 R

BELLUCCI Scissors, dismantling, delicate, curved to right, rounded, working length 8 cm

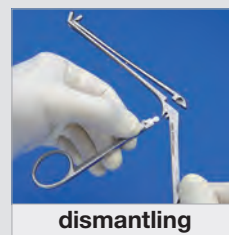


222605 L

Same, curved to left



Scissors and Micro Scissors, working lengths 8 cm and 12.5 cm, dismantling



dismantling



222603

FISCH-BELLUCCI Micro Scissors, dismantling, extra delicate scissor blades, cutting length 3 mm, working length 8 cm



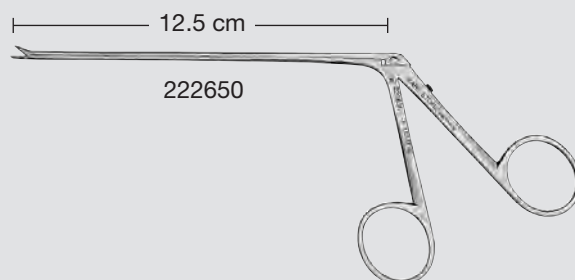
222606

Same, with thin shaft



222606 N

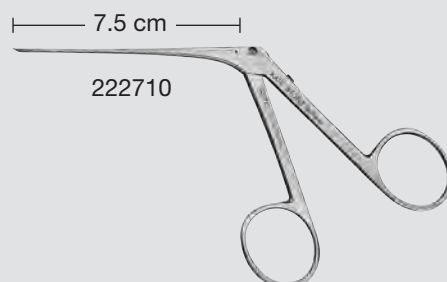
FISCH-BELLUCCI Micro Scissors, dismantling, extra delicate scissor blades, cutting length 3 mm, with black coating, with thin shaft, working length 8 cm



222650

BELLUCCI Scissors, dismantling, delicate, straight, working length 12.5 cm

Scissors, working length 7.5 cm, dismantling



222710

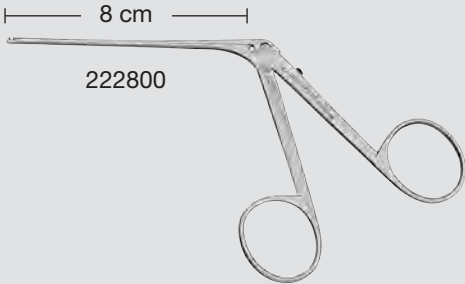
Scissors, dismantling, for crurotomy, curved to right, working length 7.5 cm



222720

Same, curved to left

Malleus Nippers, working length 8 cm, dismantling



dismantling



222800 HOUSE-DIETER **Malleus Nipper, dismantling**,
 upbiting, working length 8 cm



222900 **Same**, downbiting



222801 FISCH-DIETER **Malleus Nipper, dismantling**, extra
 delicate, upbiting, width 0.8 mm, working length 8 cm



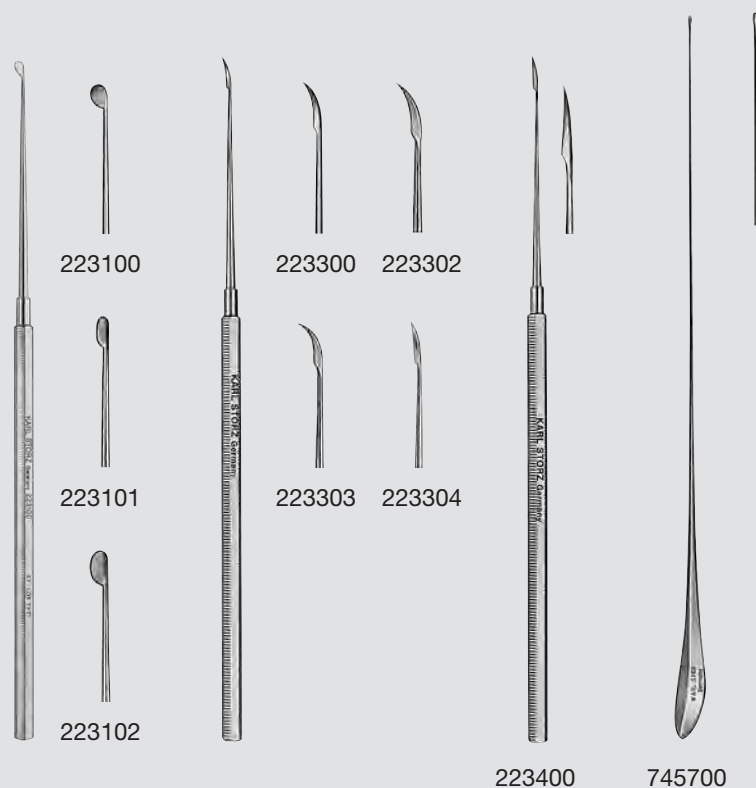
223000



223000 **Instrument Guard**, teflon, **autoclavable**,
 for micro forceps and micro scissors with
 working length 8 cm, length 11.5 cm

Ear Microsurgery

Knives, Salivary Duct Probes



- | | |
|---------|---|
| 223100 | PLESTER Round Knife , vertical, standard size 3.5 x 2.5 mm, length 16 cm |
| 223101 | Same , medium 4 x 2 mm |
| 223102 | Same , large 4.5 x 2.5 mm |
| 223300* | PLESTER Sickle Knife , double-edged, standard model, slightly curved, length 16 cm |
| 223302* | Same , medium curved |
| 223303* | Same , strongly curved |
| 223304* | Same , extra delicate, slightly curved |
| 223400 | KLEY Footplate Knife , length 16 cm |
| 745700 | SEIFFERT Salivary Duct Probe , silver, extra delicate, diameter 0.5 mm, length 18 cm |

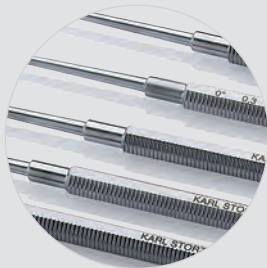
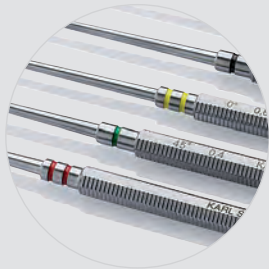
* Personalized color coding available on request see page 58 and ENDOWORLD® ENT 143

Order Matrix for Personalized Color-coded Instruments

The color-coded instruments brighten up the day-to-day clinical routine and also aid the identification of instruments:

Special Features:

- Color coding makes it easier for the OR personnel to identify and pass the correct instruments
- The personalized and thus unique color coding of the instruments avoids the risk of misidentification of the fine micro instruments



Detailed View	Order No.	Description	Color Code	Qty / Color Rings*	Amount
	223300	PLESTER Sickle Knife , double-edged, standard model, slightly curved, length 16 cm			
	223302	Same , medium curved			
	223303	Same , strongly curved			
	223304	Same , extra delicate, slightly curved			

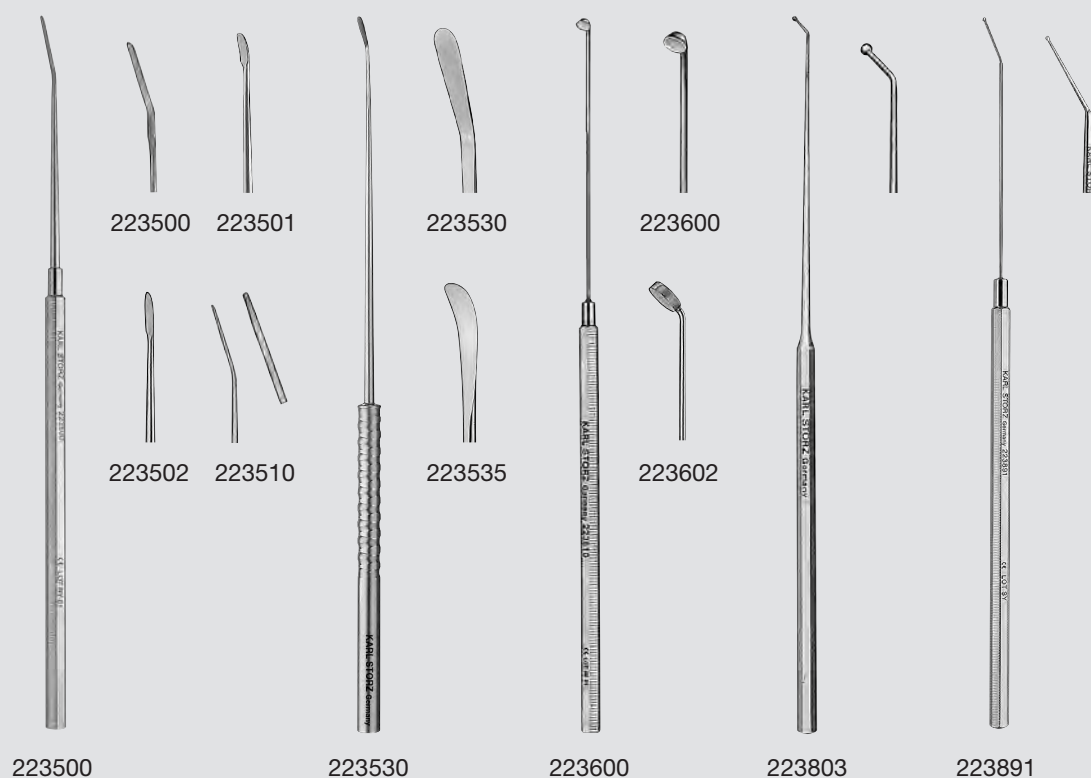
* Max. of 3 rings possible/
one color per instrument

Color Code

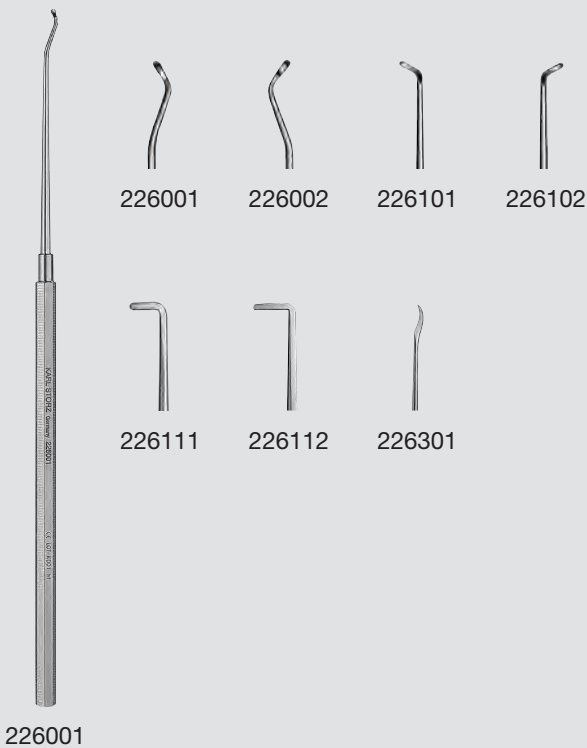
YLW	ORG	WHT
ROS	PNK	RED
BLU	GRN	BLC

Ear Micro Surgery

Elevators, Dissectors, Mirrors, Seekers



- 223500 ROSEN **Elevator**, tip angled 15°, 12 mm long, width 1.5 mm, length 16 cm
- 223501 BEALES **Elevator**, curved, width 1.5 mm, length 16 cm
- 223502 HUGHES **Elevator**, curved, width 0.7 mm, length 16 cm
- 223510 HOUSE **Elevator**, tip angled 15°, 12 mm long, width 1 mm, length 16 cm
- 223530 BEHRBOHM **Dissector**, for dissection in the region of the paranasal sinuses, skull base and petrous bone, sharp, long flat spatula, tip angled 15°, with round handle, size 2 mm, length 17 cm
- 223535 BEHRBOHM **Dissector**, for dissection in the region of the paranasal sinuses, skull base and petrous bone, sharp, slightly curved spatula, straight, with round handle, size 3 mm, length 17 cm
- 223600 **Tympanic Mirror**, REGENSBURG model, stainless steel, diameter 3 mm, length 16 cm
- 223602 **Micro Mirror**, metal, stainless steel, diameter 5 mm, length 16 cm
- 223803 **Seeker**, with ball end, angled 45°, size 3, length 15.5 cm
- 223891 **Seeker**, extra delicate, angled 25°, with ball end diameter 1 mm, length 16 cm



- 226001

Micro Raspatory, double curved to right,
length 16 cm
- 226002

Same, left
- 226101

Micro Raspatory, single curved to right,
length 16 cm
- 226102

Same, left
- 226111

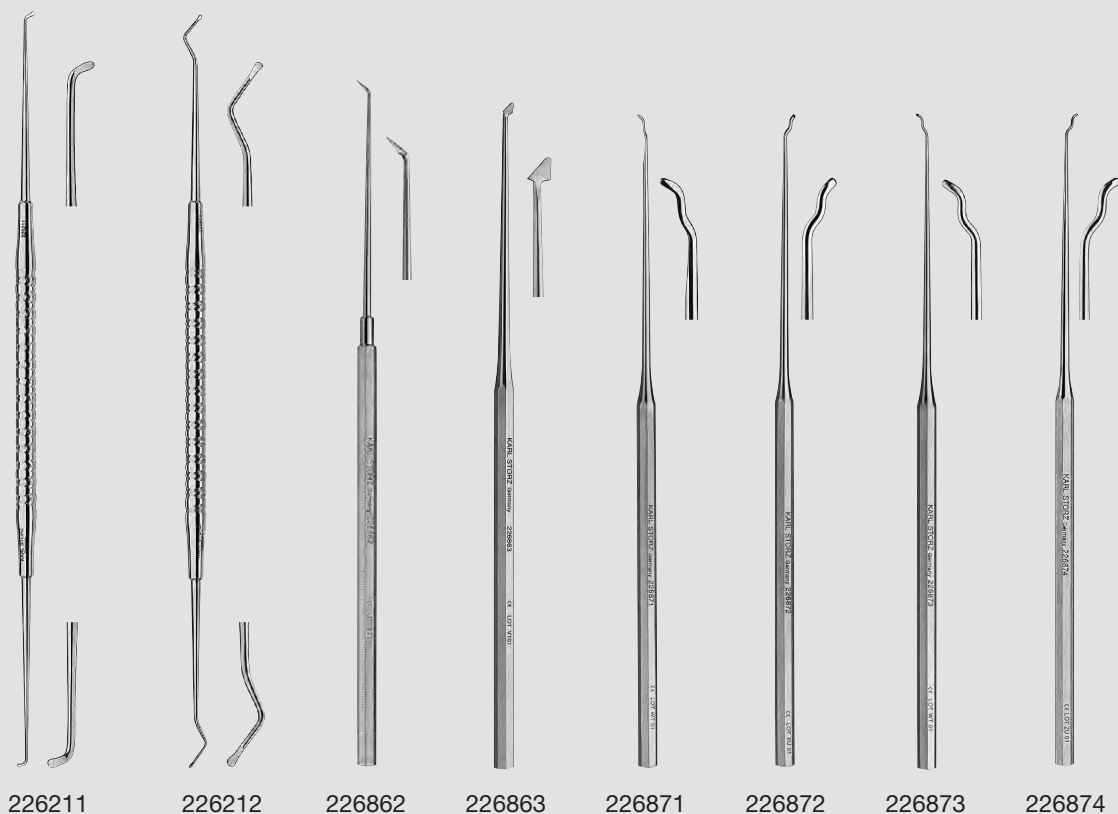
CRABTREE Dissector, 90°, flat, distal width 0.5 mm,
distal length 1.5 mm, length 16 cm
- 226112

Same, distal length 2.5 mm
- 226301

Tenotome, sickle-shaped, extra delicate, length 16 cm

Ear Micro Surgery

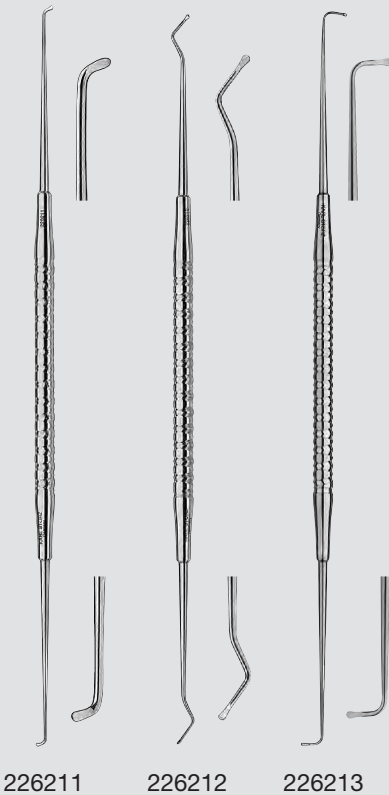
Dissectors, Knives



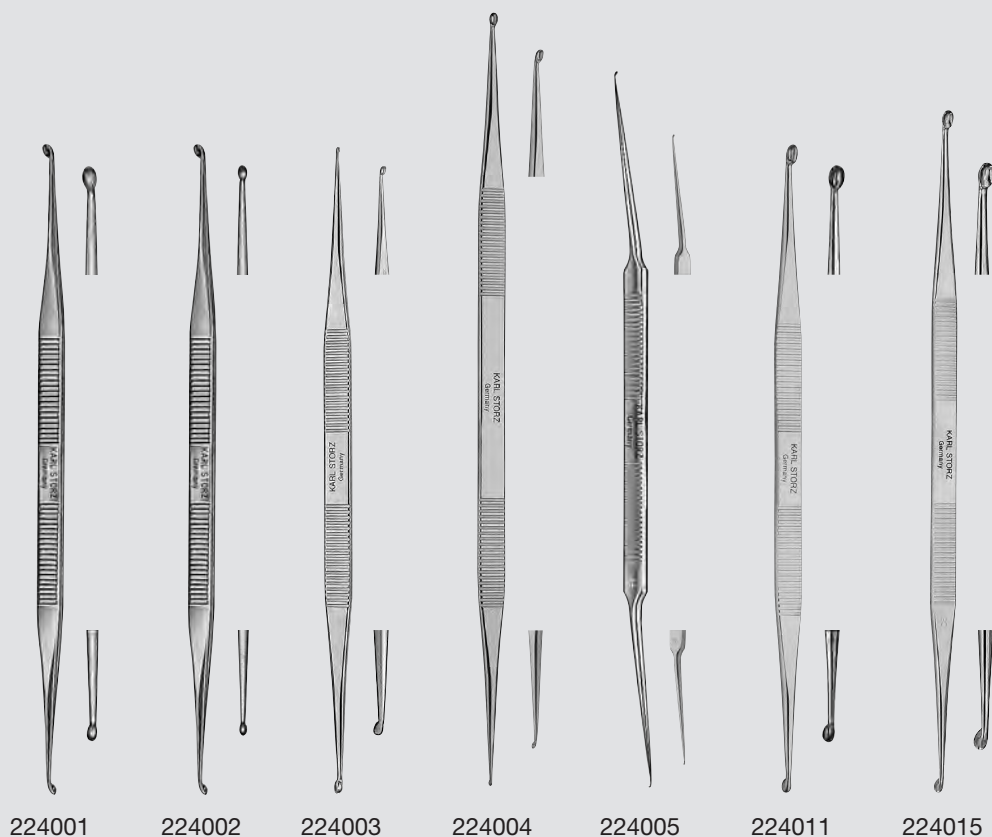
- 226211 THOMASSIN **Dissector**, double-ended, distal tips with single curve to right or to left, length 18 cm
- 226212 THOMASSIN **Dissector**, double-ended, distal tips with double curve to right or to left, length 18 cm
- 226862 HOUSE **Lancet Knife**, triangular, rounded tip angled upwards 45°, size 2 x 3 mm, length 16 cm
- 226863 ROSEN **Lancet Knife**, triangular, rounded tip angled upwards 45°, size 3 x 3 mm, length 15.5 cm
- 226871 WHIRLY-BIRD **Knife**, sharp, strongly curved to right, size 1 x 5 mm, length 15 cm
- 226872 **Same**, strongly curved to left
- 226873 WHIRLY-BIRD **Knife**, sharp, slightly curved to right, size 0.75 x 5 mm, length 15 cm
- 226874 **Same**, slightly curved to left

Ear Micro Surgery

Dissectors



- 226211 THOMASSIN **Dissector**, double-ended, distal tips with single curve to right or to left, length 18 cm
- 226212 **Same**, tips with double curve to right or left
- 226213 **Same**, tips angled 90° to right or left



- 224001 HOUSE **Double Curette**, large, spoon sizes 2 x 3.2 mm and 1.6 x 2.6 mm, length 15 cm
- 224002 **Same**, small, spoon sizes 1 x 1.6 mm and 1.3 x 2 mm
- 224003 HOUSE **Double Curette**, medium, spoon sizes 1 x 1.8 mm and 2 x 2.8 mm, length 15 cm
- 224004 HOUSE **Double Curette**, medium, spoon sizes 1 x 1.6 mm and 2 x 3.5 mm, length 18 cm
- 224005 HOUSE **Double Curette**, angular, extra small, spoon sizes 0.6 x 0.8 mm and 0.8 x 1 mm, length 17 cm
- 224011 HOUSE **Double Curette**, straight, extra large, spoon sizes 2.3 x 3.5 mm and 2.7 x 4.3 mm, length 15 cm
- 224015 HOUSE-BABIGHIAN **Double Curette**, toothed, extra large, spoon sizes 2.4 x 3.4 mm and 2.6 x 4 mm, length 16 cm



224301



224301 224302 224303 224304 224400 224600 224802
224806 224812 224813 225008

224301* **WULLSTEIN Needle**, strong long curve, length 16.5 cm

224302* **Same**, medium curve

224303* **Same**, slight curve

224304* **Same**, straight

224400* **PLESTER Guiding Fork**, length 15.5 cm

224600* **PLESTER Hook**, retrograde, 2 mm, length 15.5 cm, to abrade the underside of the tympanic membrane

224802* **Footplate Hook**, 0.2 mm, length 16 cm

224806* **PLESTER Footplate Hook**, 0.6 mm, length 16 cm

224812 **Footplate Hook**, tip angled upwards 90°, 0.2 mm, length 16 cm

224813 **Same**, tip angled downwards

225008 **HEERMANN Hook**, reinforced, retrograde, 0.8 mm, length 16 cm



225202



225202 –
225250

Pick*, 90°, length 16 cm

225202	0.2 mm
225204	0.4 mm
225205	0.5 mm
225206	0.6 mm
225208	0.8 mm
225210	1.0 mm
225212	1.2 mm
225215	1.5 mm
225220	2.0 mm
225225	2.5 mm
225230	3.0 mm
225240	4.0 mm
225250	5.0 mm



225415



225404 –
225425

Pick*, 45°, length 16 cm

225404	0.4 mm
225405	0.5 mm
225406	0.6 mm
225408	0.8 mm
225410	1.0 mm
225415	1.5 mm
225420	2.0 mm
225425	2.5 mm

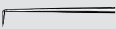
* Personalized color coding available on request see pages 65-66 and ENDOWORLD® ENT 143

STORZ
KARL STORZ — ENDOSKOPE

* Max. of 3 rings possible/
one color per instrument

BLC

Order Matrix for Personalized Color-coded Instruments

Detailed View	Order No.	Description	Color code	Qty / Color Rings*	Amount
	225202	Pick, 90°, size 0.2 mm, length 16 cm			
	225204	Same, size 0.4 mm			
	225205	Same, size 0.5 mm			
	225206	Same, size 0.6 mm			
	225208	Same, size 0.8 mm			
	225210	Same, size 1 mm			
	225212	Same, size 1.2 mm			
	225215	Same, size 1.5 mm			
	225220	Same, size 2 mm			
	225225	Same, size 2.5 mm			
	225230	Same, size 3 mm			
	225240	Same, size 4 mm			
	225250	Same, size 5 mm			
	225404	Pick, 45°, size 0.4 mm, length 16 cm			
	225405	Same, size 0.5 mm			
	225406	Same, size 0.6 mm			
	225408	Same, size 0.8 mm			
	225410	Same, size 1 mm			
	225415	Same, size 1.5 mm			
	225420	Same, size 2 mm			
	225425	Same, size 2.5 mm			

* Max. of 3 rings possible/
one color per instrument

Color Code

Y

W

L

Y

W

L

Y

W

L

Y

W

L

Y

W

L

Y

W

L

Y

W

L

Y

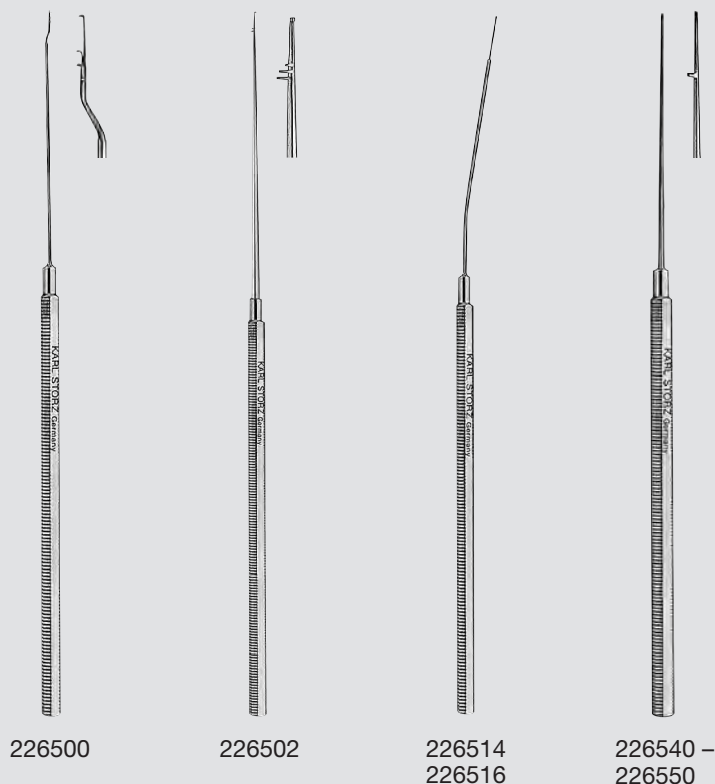
W

L

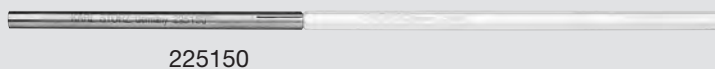
Y

W

L



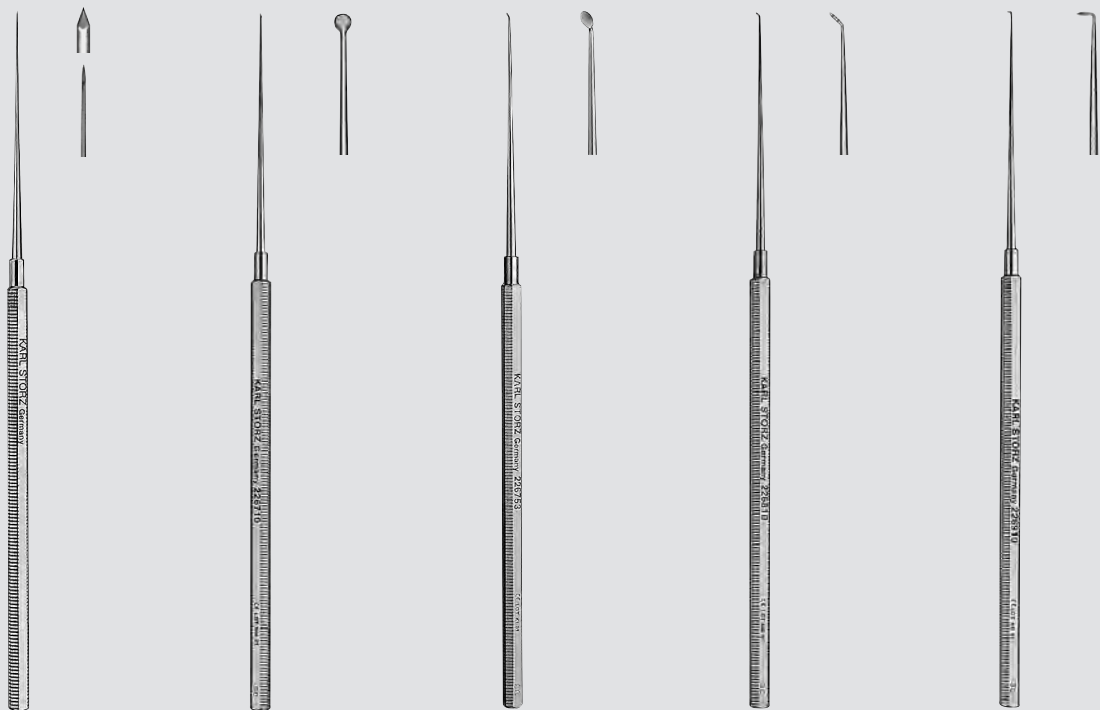
- 226500 **Measuring Rod**, marker pins at 3, 4 and 5 mm, length 16 cm
- 226502 **Measuring Rod**, for stapes prosthesis, straight, marker pins at 3.5, 4 and 4.5 mm, length 16 cm
- 226514 **Caliper**, angled shaft, diameter 0.4 mm, marker pin at 10 mm, length 16 cm
- 226516 **Same**, diameter 0.6 mm
- 226540 **HOUSE Caliper Strut**, for 4 mm distance, marker pin at 4 mm, length 16 cm
- 226545 **Same**, for 4.5 mm distance, marker pin at 4.5 mm
- 226550 **Same**, for 5 mm distance, marker pin at 5 mm



- 225150 **Protection Tube**, metal, for straight ear micro instruments with octogonal handle, length 6 cm

Ear Micro Surgery

Perforators, Round Knives



226600 –
226608

226715 –
226730

226753

226810 –
226835

226910 –
226925

226600 **Manual Perforator**, diameter
0.3 mm, length 16 cm
226604 **Same**, diameter 0.4 mm
226605 **Same**, diameter 0.5 mm
226606 **Same**, diameter 0.6 mm
226607 **Perforator**, diameter 0.7 mm, length 16 cm
226608 **Same**, diameter 0.8 mm

226715 **Round Knife 0°**, straight, diameter
1.5 mm, length 16 cm
226720 **Same**, diameter 2 mm
226723 **Same**, diameter 2.3 mm
226725 **Same**, diameter 2.5 mm
226730 **Same**, diameter 3 mm

226753 **Round Knife 25°**,
diameter 1 mm, length 16 cm

226810 **Round Knife 45°**,
diameter 1 mm, length 16 cm
226815 **Same**, diameter 1.5 mm
226820 **Same**, diameter 2 mm
226823 **Same**, diameter 2.3 mm
226825 **Same**, diameter 2.5 mm
226830 **Same**, diameter 3 mm
226835 **Same**, diameter 3.5 mm

226910 **Round Knife 90°**,
diameter 1 mm, length 16 cm
226915 **Same**, diameter 1.5 mm
226920 **Same**, diameter 2 mm
226923 **Same**, diameter 2.3 mm
226925 **Same**, diameter 2.5 mm

Note:
Personalized color coding available on request see page 69 and ENDOWORLD® ENT 143
Further sizes for round knife with 25° see ENDOWORLD® ENT 143

Order Matrix for Personalized Color-coded Instruments

Detailed View	Order No.	Description	Color Code	Qty / Color Rings*	Amount
	226600	Manual Perforator , diameter 0.3 mm, length 16 cm			
	226604	Same , diameter 0.4 mm			
	226605	Same , diameter 0.5 mm			
	226606	Same , diameter 0.6 mm			
	226607	Perforator , diameter 0.7 mm, length 16 cm			
	226608	Same , diameter 0.8 mm			
	226715	Round Knife 0° , straight, diameter 1.5 mm, length 16 cm			
	226720	Same , diameter 2 mm			
	226723	Same , diameter 2.3 mm			
	226725	Same , diameter 2.5 mm			
	226730	Same , diameter 3 mm			
	226753	Round Knife 25° , dia. 1 mm, length 16 cm			
	226810	Round Knife 45° , dia. 1 mm, length 16 cm			
	226815	Same , diameter 1.5 mm			
	226820	Same , diameter 2 mm			
	226823	Same , diameter 2.3 mm			
	226825	Same , diameter 2.5 mm			
	226830	Same , diameter 3 mm			
	226835	Same , diameter 3.5 mm			
	226910	Round Knife 90° , dia. 1 mm, length 16 cm			
	226915	Same , diameter 1.5 mm			
	226920	Same , diameter 2 mm			
	226923	Same , diameter 2.3 mm			
	226925	Same , diameter 2.5 mm			

* Max. of 3 rings possible/
one color per instrument

5-18

Color Code

Y

L

W

R

O

S

B

L

U

O

R

G

P

N

K

G

R

N

W

H

T

R

E

D

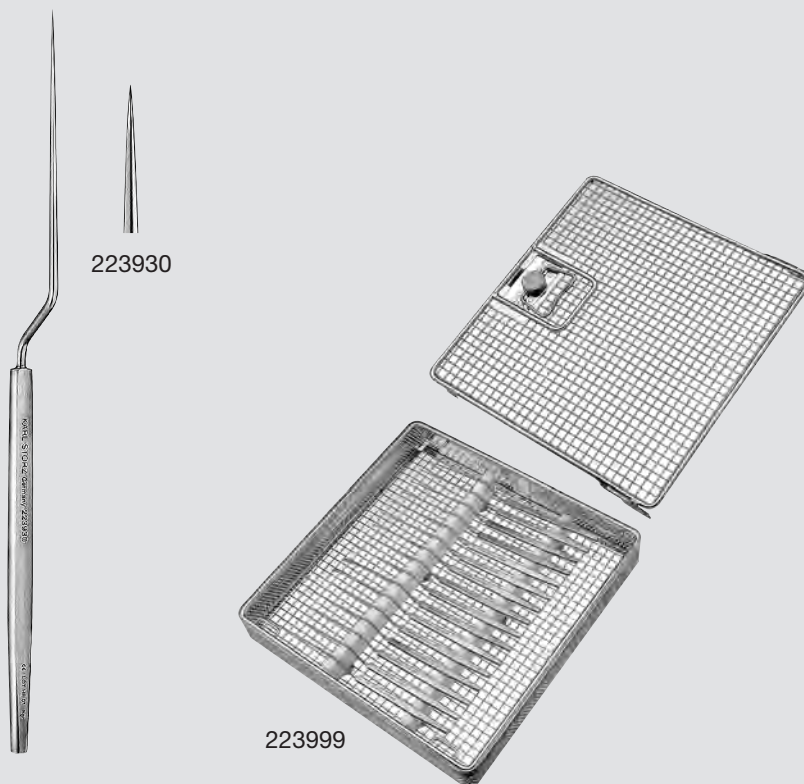
B

L

C

Ear Micro Surgery

Needle, Metal Tray



223930 **Needle**, bayonet-shaped, straight, length 18 cm

223999 **Metal Tray**, for the sterilization and storage of ear instruments, perforated, base with holder for 16 bayonet-shaped ear micro instruments, lid with silicone bridges, external dimensions (w x h x d): 250 x 240 x 40 mm

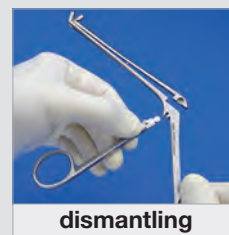
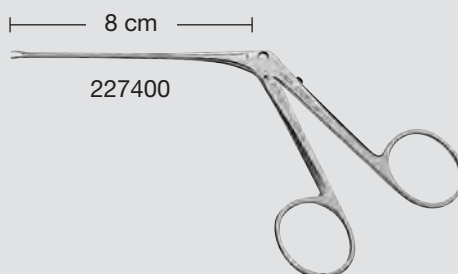
Please note: The instruments displayed are not included in the metal tray.

Ear Micro Surgery

Wire Crimpers, Wire Cutter



Wire Crimpers, working length 8 cm, dismantling



227400

McGEE Wire Crimper, dismantling,
straight, working length 8 cm



227401

FISCH-McGEE Wire Crimper, dismantling,
straight, working length 8 cm



227402

Same, curved to right



227403

Same, curved to left

Wire Cutter, working length 10 cm



227600



227800



227900



227920

227600

GUILFORD-WRIGHT Wire Cutter, serrated,
length 10 cm

227800

SCHUKNECHT Wire Bending Die

227900

SHEA Vein Press, diameter 16 mm, length 13 cm

227920

Vein Press, LÜBECK model, diameter 38 mm



231000



231008



231009



231010

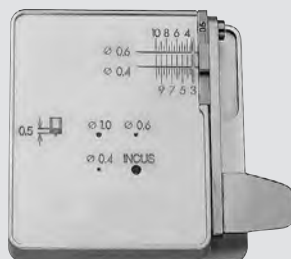


231011

- | | |
|--------|--|
| 231000 | Hone, "ARKANSAS" oil stone, wedge-shaped, 10 x 4 cm |
| 231008 | Preparation Plate , glass, 10 x 8 cm |
| 231009 | Glass Cutting Board , with square millimeter gradations (25 x 20 mm), 10 x 8 cm |
| 231010 | Cutting Block , plastic, white, 8 x 4 x 1 cm, autoclavable |
| 231011 | Cutting Block , Teflon, with grip plate, 20 x 15 x 1 cm |



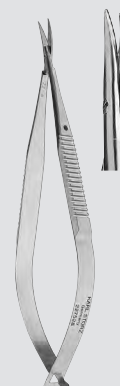
227504
227506



227525



227526



227528



227527



227530



227532

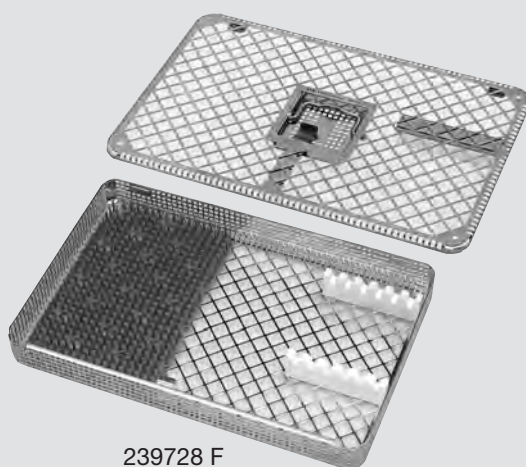
- 227504 **Cutting Block**, for cutting and preparing stapes protheses of diameter 0.4 mm
- 227506 **Same**, for stapes protheses of diameter 0.6 mm
- 227525 **Cutting Block**
- 227526 **Holding Forceps**, for holding stapes and total protheses, length 13.5 cm
- 227527 **Crimp Forceps**, for total protheses, length 10.5 cm
- 227528 **Scissors**, for total protheses, length 11 cm
- 227530 **Incus Holding Clamp**, length 11 cm
- 227532 **Micro Hook**, 2.5 mm, 45°, length 16 cm

Ear Micro Surgery

Prostheses and Accessories



- 227510 **Titanium Stapes Piston**, short size, sterile, short distance between loop and cylinder, 7 mm x diameter 0.4 mm
- 227511 **Titanium Stapes Piston**, normal size, sterile, medium distance between loop and cylinder, 8.5 mm x diameter 0.4 mm
- 227512 **Titanium Stapes Piston**, long size, sterile, long distance between loop and cylinder, 10 mm x diameter 0.4 mm
- 227515 **Titanium Incus Prosthesis**, normal size, sterile, 3 mm x diameter 2 / 1.3 mm
- 227516 **Titanium Incus Prosthesis**, long size, sterile, 4 mm x diameter 2 / 1.3 mm
- 227517 **Titanium Incus Prosthesis**, extra long size, sterile, 5 mm x diameter 2 / 1.3 mm
- 227520 **Titanium Total Prosthesis with Footplate**, sterile, 10 mm x diameter 0.6 mm
- 227522 **Titanium Neomalleus Prosthesis**, sterile, 5 mm x diameter 1.1 mm



- 239728 F **Metal Tray**, for sterilization and storage of instruments, perforated, base with holders and silicone mat, lid with silicone bridges and handle, external dimensions (w x d x h) 275 x 178 x 36 mm including:
Base with Lid
Silicone Mat

Components/Spare Parts see ENT catalog

Ear Micro Surgery

AL HAGR Retractor

Special Features:

- Integrated light carrier for illumination of the surgical field
- Self-retaining design
- Allows the operating surgeon to use both hands (simultaneous drilling and suctioning), e.g., for cochlear implantations
- Matt surface finish
- Can be dismantled for cleaning and components can be replaced if damaged



233260

AL HAGR Retractor

including:

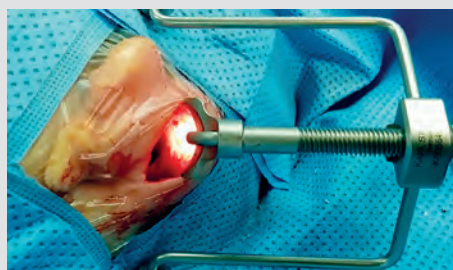
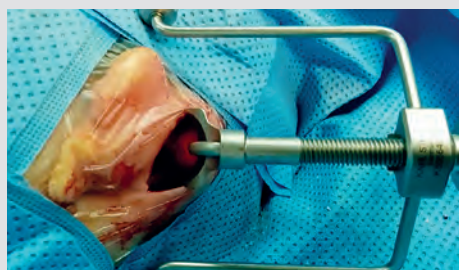
Fiber Optic Light Carrier

Retractor Arms

Retractor Blade

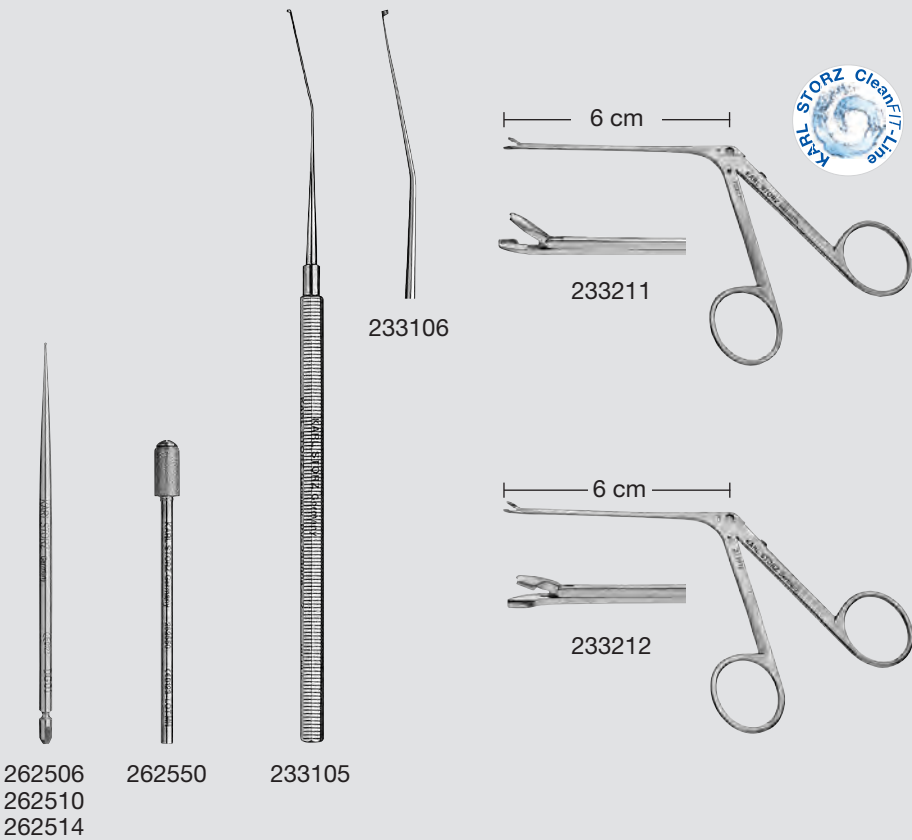
Light Connector

Fixation Wheel



OR images courtesy of: *Al Hagr M.D.,
King Abdulaziz Hospital,
Riyadh, Saudi Arabia*

LENARZ Recommended Set



- 262506

Diamond Burr, shaft diameter 2.35 mm, diameter 0.6 mm, length 70 mm
- 262510

Same, diameter 1 mm
- 262514

Same, diameter 1.4 mm
- 262550

Diamond Burr, barrel-shaped, diameter 5 mm, length 10 mm, for creating a flat bone edge during cochlea implantation surgery, blunt tip, with smooth shaft diameter 2.35 mm, length 44 mm
- 233105

Micro Instrument Guide, for electrodes array, claw-shaped, tip angled upwards, length 16 cm
- 233106

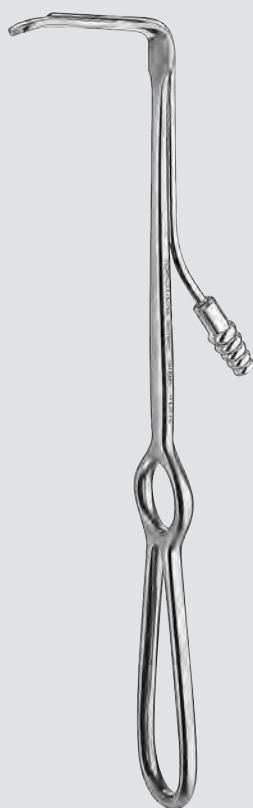
Same, tip angled downwards
- 233211

Forceps, dismantling, for insertion of cochlear electrodes, nucleus 24 contour, curved to right, working length 6 cm
- 233212

Same, curved to left

Ear Micro Surgery

Micro Instruments for Cochlear Implantations



801814

801814

LENARZ **Retractor**, 43 x 11 mm,
slim and flat blade with integrated
suction tube, length 21.5 cm

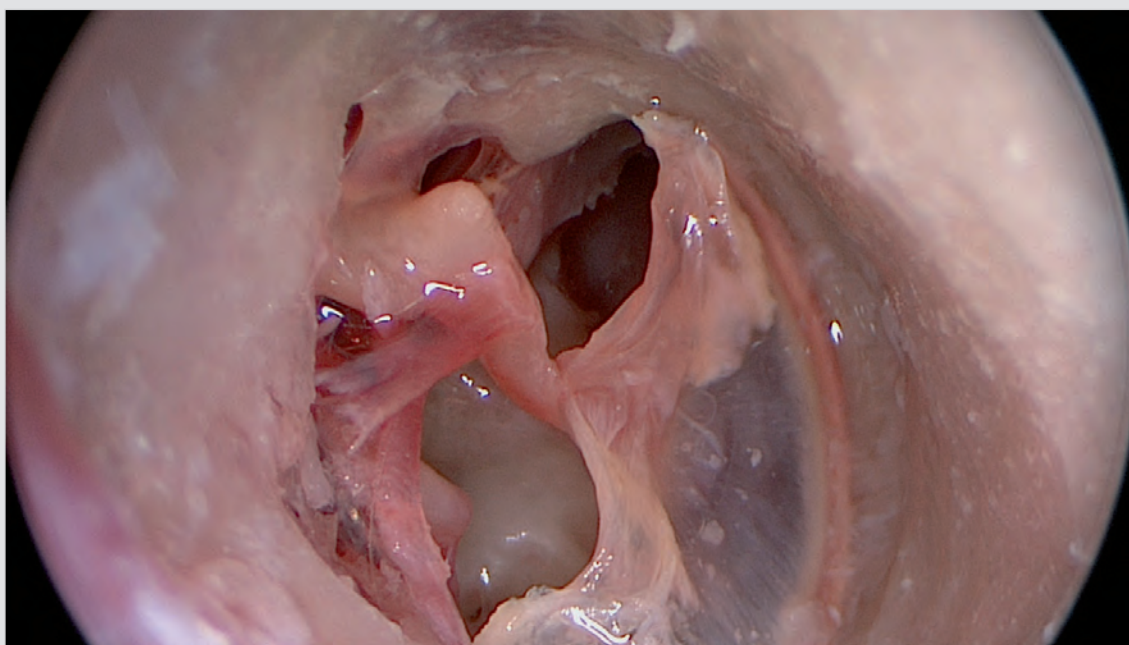
LENARZ **Additional Instruments for Cochlear Implantation Surgery** see pages 32-33

Motor Systems, see ENT catalog, chapter 8, UNITS AND ACCESSORIES, UNIDRIVE® S III ENT SCB

There has been an increasing trend worldwide towards the use of the endoscope in middle ear surgery thanks to new advancements in instruments and enhanced visualization technologies. With angles ranging from 0° to 70°, the endoscope provides a much wider view of the middle ear than when using the microscope. The view through the microscope is limited by the narrow-

est segment of the ear canal and thus only a small part of the middle ear can be observed.

The curved instruments included in the set are able to facilitate access to previously unreachable anatomical structures and recesses. This favors a minimally invasive approach that lessens recovery time and reduces the risk of recurrence.

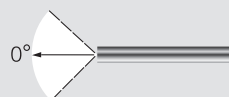
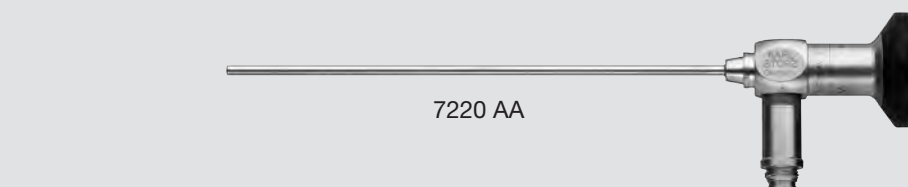


Endoscopic view of the middle ear with a view of the tympanum and the handle of malleus

Endoscopic Middle Ear Surgery

HOPKINS® Telescopes

Telescopes recommended for middle ear surgery



7220 AA

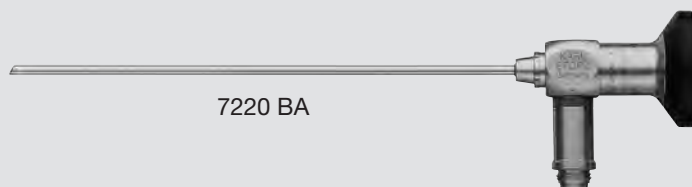
HOPKINS® Straight Forward Telescope 0°, enlarged view, diameter 3 mm, length 14 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



7220 FA

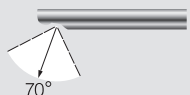
HOPKINS® Forward-Oblique Telescope 45°, enlarged view, diameter 3 mm, length 14 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black

Further Telescopes



7220 BA

HOPKINS® Forward-Oblique Telescope 30°, enlarged view, diameter 3 mm, length 14 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



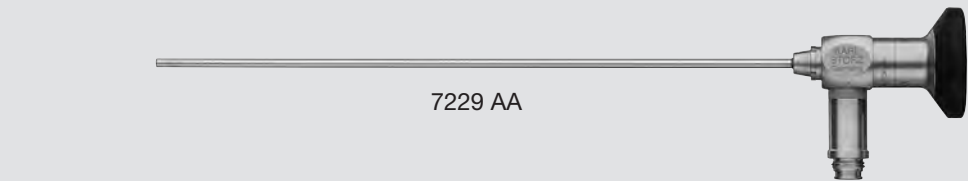
7220 CA

HOPKINS® Lateral Telescope 70°, enlarged view, diameter 3 mm, length 14 cm, **autoclavable**, fiber optic light transmission incorporated, color code: yellow

Endoscopic Middle Ear Surgery

HOPKINS® Telescopes

Telescopes recommended for middle ear surgery



7229 AA

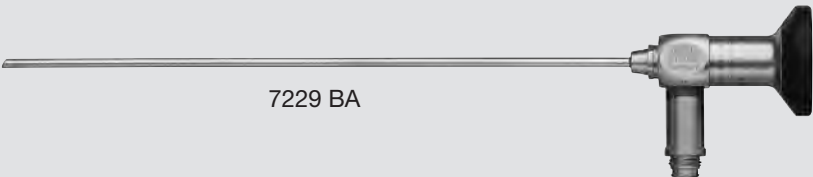
HOPKINS® Straight Forward Telescope 0°, enlarged view, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



7229 FA

HOPKINS® Forward-Oblique Telescope 45°, enlarged view, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black

Further Telescopes



7229 BA

HOPKINS® Forward-Oblique Telescope 30°, enlarged view, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



7229 CA

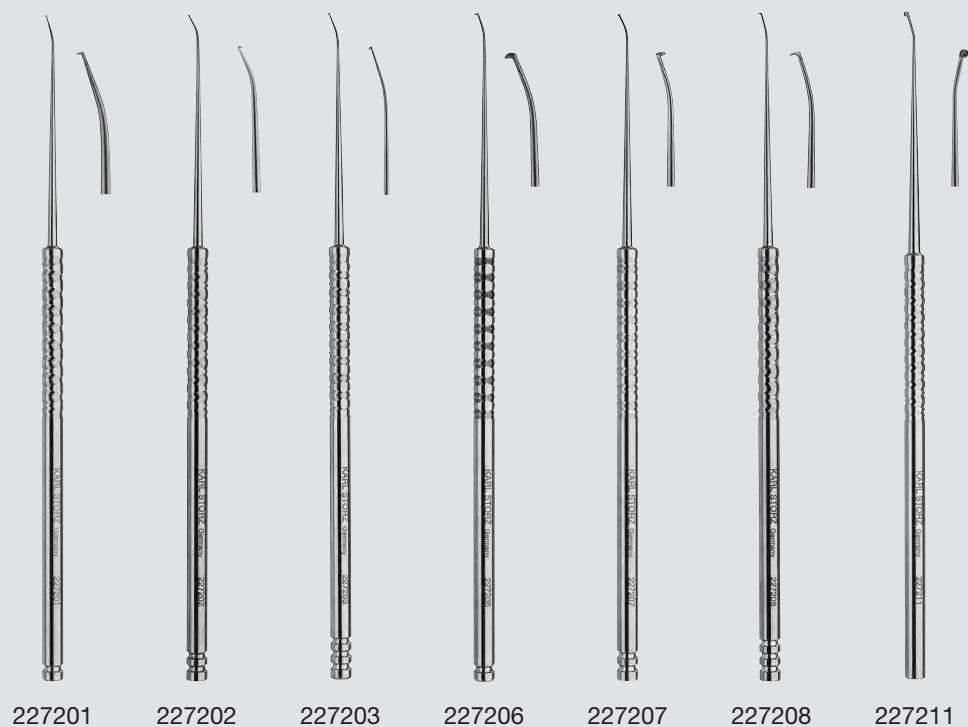
HOPKINS® Lateral Telescope 70°, enlarged view, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: yellow

Endoscopic Middle Ear Surgery

Ear Hooks, Ear Dissectors, Curette

Special Features:

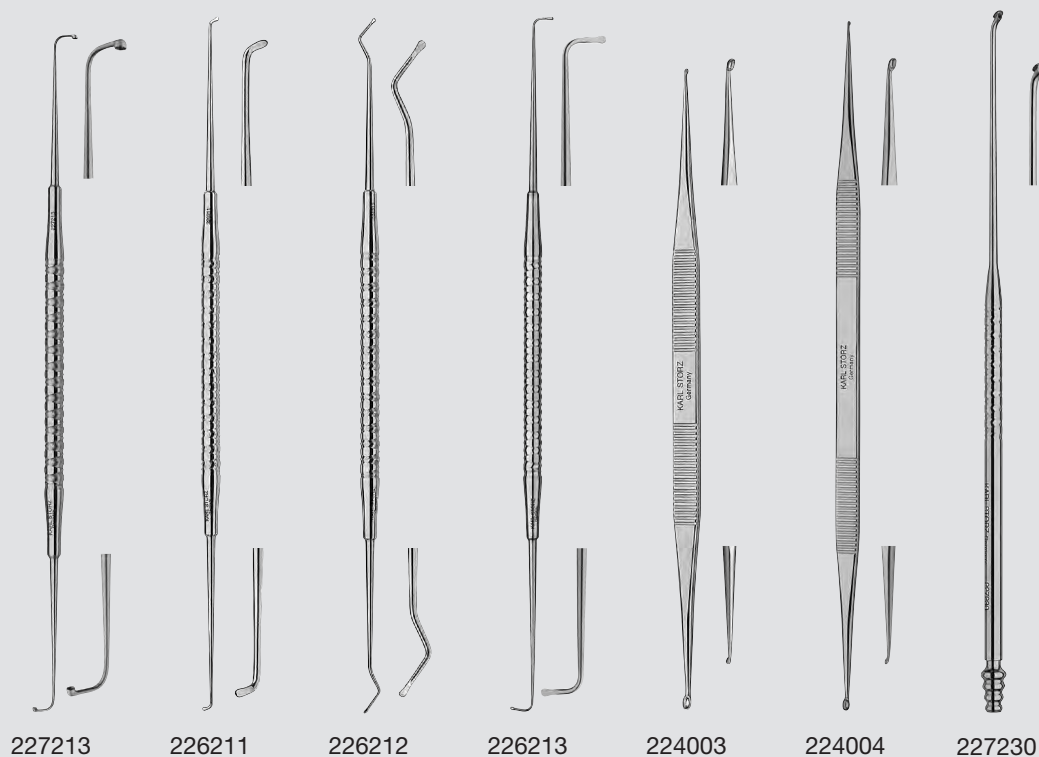
- The special design, including such features as strong angulation, can facilitate access to previously unreachable or hard-to-reach anatomical structures and recesses



- | | |
|--------|---|
| 227201 | Ear Hook , curved to right, working length 5.5 cm, total length 16 cm |
| 227202 | Same , curved to left |
| 227203 | Same , curved backwards |
| 227206 | Ear Dissector , curved to right, working length 5.5 cm, total length 16 cm |
| 227207 | Same , curved to left |
| 227208 | Same , curved backwards |
| 227211 | Curette , spoon-shaped, diameter 1 mm, length 16 cm |

Endoscopic Middle Ear Surgery

Double Curettes, Round Knife



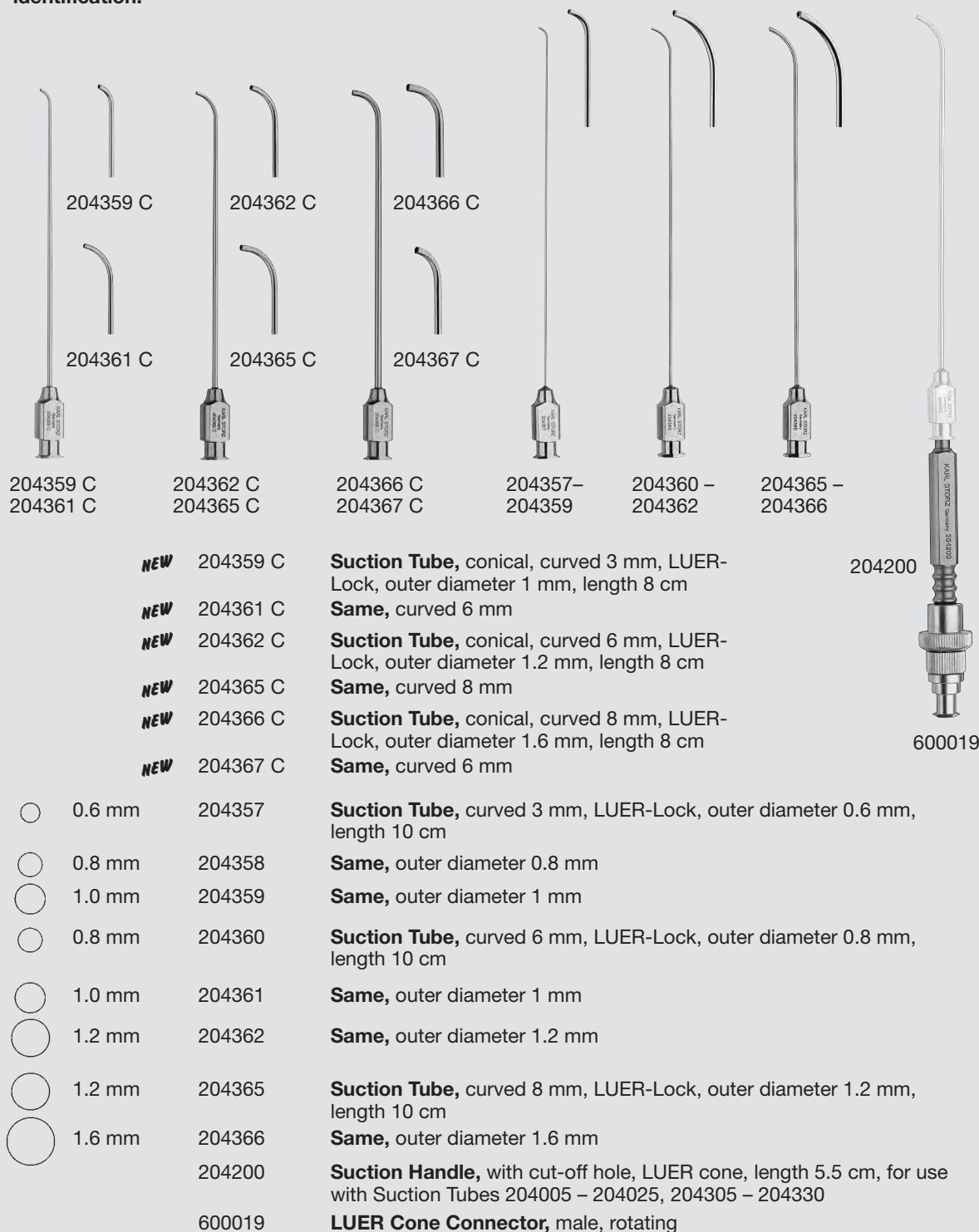
- 227213 **Curette**, double-ended, spoon-shaped tips diameter 1 mm and 1.5 mm, end position angled 90° to sheath, length 17 cm
- 226211 **THOMASSIN Dissector**, double-ended, distal tips with single curve to right or to left, length 18 cm
- 226212 **Same**, tips with double curve to right or left
- 226213 **Same**, tips angled 90° to right or left
- 224003 **HOUSE Double Curette**, medium, spoon sizes 1 x 1.8 mm and 2 x 2.8 mm, length 15 cm
- 224004 **HOUSE Double Curette**, medium, spoon sizes 1 x 1.6 mm and 2 x 3.5 mm, length 18 cm
- 227230 **Round Knife**, diameter 3 mm, with suction, easy to handle due rotating tube olive, length 19 cm

Endoscopic Middle Ear Surgery

Suction Tubes

Special Features:

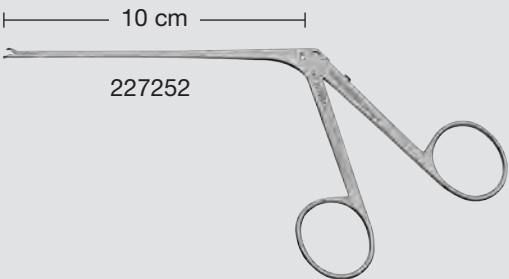
- The slightly conical design of the suction tubes provides more stability. The letter "C" at the end of the order number facilitates instrument identification.
- Additional rotating adaptor for the suction tubes simplifies handling



Further Suction Tubes see ENT catalog



Ear Forceps, working length 10 cm, dismantling



227251

Ear Forceps, dismantling, 45° curved right, extra delicate, oval cupped jaws, 0.6 mm, working length 10 cm



227252

Ear Forceps, dismantling, 45° curved left, extra delicate, oval cupped jaws, 0.6 mm, working length 10 cm



227253

Ear Forceps, dismantling, 45° curved upwards, extra delicate, oval cupped jaws, 0.6 mm, working length 10 cm



227255

Ear Forceps, dismantling, curved downwards, retrograde, extra delicate, oval cupped jaws, 0.9 mm, working length 10 cm



239222



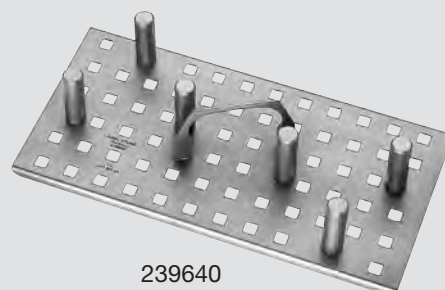
239227

239222 **Magnetic Instrument Rack**, with protective lid and
2 magnetic strips, size 180 x 105 mm

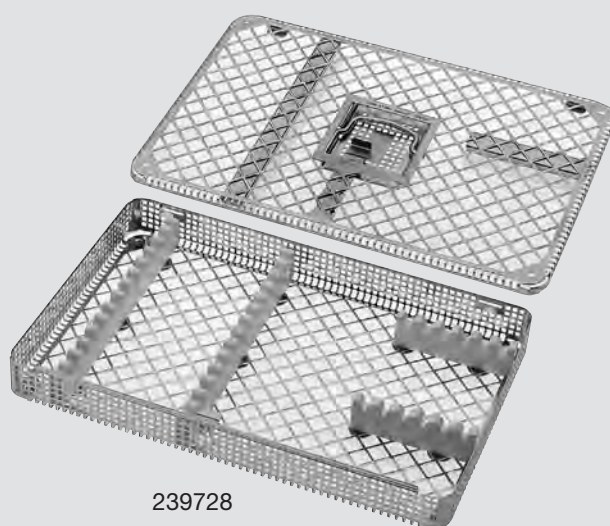
239227 **Magnetic Instrument Rack**, large model, with
3 magnetic strips, size 200 x 200 x 60 mm



39780 A



239640



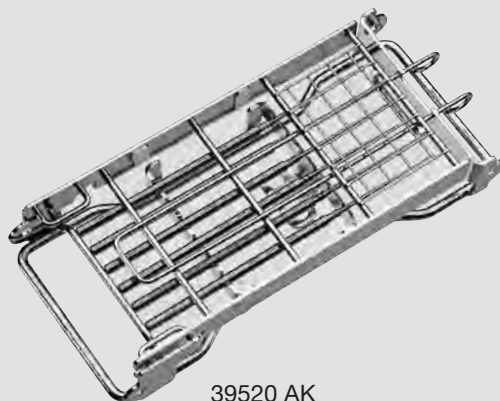
239728

- 39780 A **MiniSet Container**, with MicroStop®, for sterilization and sterile storage, external dimensions (w x d x h): 310 x 189 x 70 mm, internal dimensions (w x d x h): 283 x 177 x 38 mm including:
Base
Lid
MicroStop® Microbiological Barrier
- 39781 A **Same**, external dimensions (w x d x h): 310 x 189 x 90 mm, internal dimensions (w x d x h): 283 x 177 x 58 mm
- 239640 **Rack**, for approx. 8 micro ear forceps with ring handle, size 195 x 100 mm
- 239728 **Metal Tray**, for sterilization and storage of ear instruments, perforated, base with holder for 20 straight ear micro instruments with octagonal handle, lid with silicone bridges, external dimensions (w x d x h): 275 x 175 x 36 mm

Note: Rack 239640 is suitable for storage during sterilization but not for cleaning.

Components/Spare Parts see ENT catalog

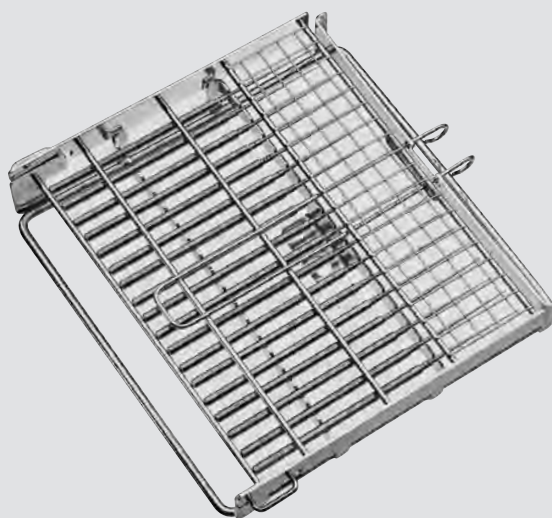
Further Accessories for MiniSet Containers see HYGIENE catalog



39520 AK

39520 AK

Rack, provides safe storage of up to 6 KARL STORZ octagonal ear micro surgery instruments during cleaning and sterilization, with special guard for the instrument tips, for easy instrument assistance during surgery, with detachable lid, external dimensions (w x d x h): 215 x 95 x 40 mm



39520 A

39520 A

Rack, provides safe storage of up to 18 KARL STORZ octagonal ear micro surgery instruments during cleaning and sterilization, with special guard for the instrument tips, for easy instrument assistance during surgery, with detachable lid, external dimensions (w x d x h): 230 x 200 x 40 mm (compatible with standard trays)



■ **MOTOR SYSTEMS** see ENT catalog

UNIDRIVE® SIII ENT SCB

UNIDRIVE® SIII ECO

High-Performance EC Micro Motor II

High-Speed Micro Motor

DRILLCUT-X® II Shaver Handpiece

DRILLCUT-X® II N Shaver Handpiece

DRILLCUT-X® II-35 Shaver Handpiece

DRILLCUT-X® II-35 N Shaver Handpiece

Shaver Blades

Sinus Burrs

INTRA Drill Handpieces

Burrs

High-Speed Handpieces

High-Speed Burrs

Important Notes:

It is recommended to check the suitability of the product for the intended procedure prior to use.

Endoscopes and accessories contained in this catalog have been designed in part with the cooperation of physicians and are manufactured by the KARL STORZ group. If subcontractors are hired to manufacture individual components, these are made according to proprietary KARL STORZ plans or drawings. Furthermore, these products are subject to strict quality and control guidelines of the KARL STORZ group. Both contractual and general legal provisions prohibit subcontractors from supplying components manufactured by order of KARL STORZ to competitors.

Any assumptions that competitors' endoscopes and accessories are acquired from the same suppliers as the KARL STORZ products are not correct. Moreover, endoscopes and instruments provided by competitors are not manufactured according to the design specifications of KARL STORZ. This means it cannot be assumed that these endoscopes and accessories – even if they look identical on the outside – are constructed in the same manner and have been tested according to the same criteria.

Standardized Design and Labeling

KARL STORZ participates both in national and international bodies involved in the development of standards for endoscopes and endoscopic accessories. Standardized design and development therefore have long been implemented consistently by KARL STORZ. The user can rest assured that all products by the KARL STORZ group have been designed and constructed not only in compliance with strict internal quality guidelines, but also with international standards. All data relevant for safe use, such as viewing direction, sizes and diameters, or notes regarding sterilization of telescopes, are applied to the instruments, have been formulated according to international standards, and therefore provide reliable information.

As we constantly seek to improve and modify our products, we reserve the right to make changes in design that vary from catalog descriptions.

Original or Counterfeit

KARL STORZ products are name brand articles renowned around the world and represent the state of the art in important areas of healthcare. A large number of “copy cat” products are currently being offered in many markets. These products are designed intentionally to resemble KARL STORZ products and use marketing strategies that at least point out their compatibility with KARL STORZ products. These products are by no means genuine products, since genuine KARL STORZ products are sold worldwide exclusively under the name of KARL STORZ, which appears on the packaging and the product. In the absence of such labeling, the product is not from KARL STORZ.

KARL STORZ, therefore, is unable to ensure that such products are actually compatible with genuine KARL STORZ products or can be used with them without injury to the patient.



Information on events is available on the KARL STORZ website
www.karlstorz.com



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