

Laryngology

| Operating Laryngoscopes | 403 |
|--|-----|
| Chest Supports | 405 |
| Flexible Tension Arm System | 407 |
| Rotatable Laryngeal Hand Instruments | 409 |
| Laryngeal Forceps | 411 |
| Laryngeal Scissors | 415 |
| Laryngeal Suction Tubes | 417 |
| Injection Needles, Cotton Applicator | 419 |
| Needle Holders and Vocal Cord Retractors | 421 |
| Micro-Laryngeal Instruments | 423 |
| Laser Protectors | 425 |

EXPLORENT INSTRUMENTS

Manufacturer evonos GmbH & Co.KG Stockacher Str. 134 78532 Tuttlingen, Germany

Distributor Olympus Surgical Technologies Europe Olympus Winter & Ibe GmbH Kuehnstr. 61 22045 Hamburg, Germany



Operating Laryngoscopes



EXPLORENT

Laryngology > Operating Laryngoscopes

| | | | | Fibre optic light carrier |
|----------------------|--|------------|----------------------------------|--|
| | | | | for use with lanryngoscopes |
| | | | WT630010 | Light carrier, fiber optic, for operation laryngoscopes WT630001-04 |
| | Operation laryngoscope 18 cm working length, for adults | | WT000877 | Light carrier, fiber optic, matt, for operation laryngoscopes WT630001-05 |
| WT630001 | Operation laryngoscope, large, size 180 | | WT630014 | Light carrier, fiber optic, for operation laryngoscope WT630005 |
| | Operation laryngoscope 18 cm working length, most commonly used laryngoscope | | WT630011 | Light carrier, fiber optic, for operation laryngoscopes WT630006-07 |
| WT630002 WT000872 | Operation laryngoscope, medium, size 180 Operation laryngoscope, matt finish, medium, | size 180 | Teeth Pro | otectors |
| | Operation laryngoscope 18 cm working length, for difficult anatomical circumstances | | | |
| WT630003 WT000873 | Operation laryngoscope, small, size 180 Operation laryngoscope, matt finish, small, siz | ze 180 | | Teeth protector metal, various sizes, size 0 for children |
| | Operation laryngoscope 18 cm working length, anterior commisure | | WT996100 WT996101 WT996102 | Teeth protector, metal, without handle, size 0 Teeth protector, metal, without handle, size 1 Teeth protector, metal, without handle, size 2 |
| WT630004 | Operation laryngoscope, for anterior commissure, size 180 | | WT996103 | Teeth protector, metal, without handle, size 3 |
| | Operation laryngoscope 22 cm working length, for long neck | | Suction T | lubes |
| WT630005 WT000874 | Operation laryngoscope, size 220 Operation laryngoscope, matt finish, size 220 | | | Suction tube |
| | Operation laryngoscope 15 cm working length, for children | | | for smoke evacuation, working lengths 12 and 15 cm |
| WT630006 WT000875 | Operation laryngoscope, for children, size 150 Operation laryngoscope, matt finish, |) | WT630110 | Suction tube, for smoke evacuation, for laryngoscopes WT630001-05, size 150 |
| WT000876 | for children, size 150 Operation laryngoscope, matt finish, for children, size 130 | | WT630111 | Suction tube, for smoke evacuation, for laryngoscopes WT630006-07, size 120 |
| | Operation laryngoscope 13 cm working length, for children | \bigcirc | | |
| WT630007 | Operation laryngoscope, for children, size 130 | | | |



Chest Supports



- Models for adults and children
- Laryngoscope holder
- Models with rubber ring for soft brace

Chest Supports

Laryngoscope holder and chest support with rod for adults, with rod fixation screw, for use with the laryngoscopes, 9.5 cm diameter of ring, rod length 34 cm





Flexible Tension Arm System



EXPLORENT

Universally applicable

Arm System

Articulated arm

18.5" x 6.7" with lock





Clamp socket

for hinged arm support, electrical isolated, up to 4.5 KV AC for Rail 25/35 x 8/10 mm, $1/1.4 \times 0.3/0.4$ "

WT218705

Clamp socket, for articulated arm



Arm System (cont.)

Adapter

for retractor/laryngoscope

WT218711 Adapter, for basic frame



Adapter

for retractor/optic/mouth gag

WT218720

Adapter, for retractor, endoscope or mouth gag





Rotatable Laryngeal Hand Instruments



- Full 360° rotation
- For endolaryngeal microsurgery
- Models with double-action jaws

Rotatable Laryngeal Forceps

Rotatable Laryngeal Scissors



Laryngeal scissors curved, working length 22 cm

WT632210 Laryngeal scissors, micro, rotatable, size 220





Laryngeal forceps

round cupped jaws, 2 mm diameter, working length 22 cm

WT632203 Laryngeal forceps, cupped jaws, rotatable, double-action, curved, size 220

Laryngeal forceps

serrated jaws, double-action jaws, curved, working length 22 cm

WT632206 Laryngeal forceps, alligator type, rotatable, double-action, curved, size 220

> Laryngeal forceps triangular jaws,

straight, working length 22 cm

WT632207 Laryngeal forceps, triangular jaws, rotatable, double action, size 220

Laryngeal forceps

cupped jaws, working length 22 cm

WT000847 Laryngeal forceps, cupped jaws, rotatable, vertical opening, curved, size 2 x 22







Laryngeal Forceps



- Straight and curved jaws, conical shaft for high stability and optimal view
- Models with 10° upcurved distal end, facilitating access to the anterior commissure

| Laryngea | I Forceps for Adults | | Laryngea | al Forceps for Adults (2) | |
|----------------------|--|--|----------|---|-----|
| - 1 -2 | | | | Laryngeal forceps triangular jaws, 23 cm working length | |
| | | 00 | WT632068 | Laryngeal forceps, acc. to Arnold, triangular shaped jaws, | |
| | Laryngeal forceps serrated, 23 cm working length | | WT632069 | curved up to right, size 230 Laryngeal forceps, acc. to Arnold, triangular shaped jaws, | |
| WT632005 | Laryngeal forceps, alligator type, serrated, straight, size 2 x 23 | | | curved up to left, size 230 | W |
| WT632006 | Laryngeal forceps, alligator type, serrated, turned to the right, size 230 | Contraction of the second seco | | Laryngeal forceps | |
| WT632007 | Laryngeal forceps, alligator type, serrated, turned to the left, size 230 | | | round cupped jaws, 2 mm diameter, 23 cm working length, 10° upcurved | |
| WT632215 WT632054 | Laryngeal forceps, alligator type, horizontal opening, straight, size 230 Laryngeal forceps, alligator type, | | WT632101 | Laryngeal forceps, cupped jaws, tip curved up, | |
| WT632154 | serrated, curved up, size 230 Laryngeal forceps, alligator type, horizontal opening, curved up, size 230 | | WT632102 | size 2 x 23 Laryngeal forceps, cupped jaws, tip curved up, straight, size 2 x 23 | |
| | Grasping forceps serrated, 23 cm working length | | WT632103 | Laryngeal forceps, cupped jaws, tip curved up, curved right, size 2 x 23 | |
| WT632032 | Grasping forceps, serrated, straight, size 230 | | WT632104 | Laryngeal forceps, cupped jaws, tip curved up, curved left, size 2 x 23 | |
| | Grasping forceps alligator jaws, 23 cm working length | | Laryngea | al Forceps With Ratchet | |
| WT632034 | Grasping forceps, alligator jaws, size 230 | | | Artery forceps with ratchet, serrated, straight, 18 cm working length | |
| | Laryngeal forceps triangular jaws, 23 cm working length | | WT632105 | Artery forceps, serrated, with ratchet, straight, size 180 | |
| WT632055 | Laryngeal forceps, triangular jaws, opening to the right, curved up, size 230 | | - | | |
| WT632056 | Laryngeal forceps, triangular jaws, opening to the left, curved up, size 230 | | | | d C |
| WT632058 | Laryngeal forceps, triangular shaped jaws, | | | | ~ |
| WT632059 | serrated, straight, size 230 Laryngeal forceps, triangular shaped jaws, serrated, curved up, size 230 | | | | |



Laryngeal Forceps (cont.)

| | Cutting forceps round cupped jaws 5 mm diameter, double-action, straight, 23 cm working le | anath | | Cutting forceps long oval cupped jaws, 23 cm working | length |
|----------------------|---|-------|----------|---|------------|
| WT632046 | Laryngeal forceps, cupped jaws, heavy design, straight, size 230 | | WT632150 | Laryngeal forceps, oval cups, curved up, opening upward, size 2 x 23 | |
| | | en l | WT632151 | Laryngeal forceps, oval cups, curved up, opening to the right, size 230 | |
| | | | WT632152 | Laryngeal forceps, oval cups, curved up, opening to the left, size 230 | |
| Cutting F | orceps | | | Cutting forceps oval cupped jaws 3 x 5 mm, heavy, conical shaft, 23 cm working length, straight | |
| | | 0 0 | WT632040 | Laryngeal forceps, oval cups, for biopsies, straight, size 230 | . |
| | Forceps 2 mm cupped jaws, standard, | | | | |
| | 23 cm working length | | | Cutting forceps round cupped jaws 4 mm diameter, | |
| WT632001 | Laryngeal forceps, cupped jaws, straight, size 2 x 23 | | | heavy, conical shaft, 23 cm working length | |
| WT632002 WT632003 | Laryngeal forceps, cupped jaws, curved up, size 2 x 23 Laryngeal forceps, cupped jaws, | | WT632041 | Laryngeal forceps, cupped jaws, heavy design, straight, | D o |
| W1032003 | curved to right, size 2 x 23 | | | size 4 x 23 | |
| WT632004 | Laryngeal forceps, cupped jaws, curved to left, size 2 x 23 | | WT632042 | Laryngeal forceps, cupped jaws, heavy design, curved up, size 4 x 23 | |
| WT632050 | Laryngeal forceps, cupped jaws, curved up to right, size 2 x 23 (not shown | n) | WT632043 | Laryngeal forceps, cupped jaws, | |
| WT632051 | Laryngeal forceps, cupped jaws, curved up to left, size 2 x 23 | | | heavy design, curved right, size 4 x 23 | 0 |
| WT632052 | Laryngeal forceps, cupped jaws, horizontal opening, curved up right, size 2 x 23 | | WT632044 | Laryngeal forceps, cupped jaws, heavy design, curved left, size 4 x 23 | |
| WT632053 | Laryngeal forceps, cupped jaws, horizontal opening, curved up left, | | 1 | | |

Miniature Cutting Forceps

Pediatric Laryngeal Forceps

Forceps



Miniature cutting forceps cupped jaws 1 mm diameter,

very delicate, conical shaft, 23 cm working length

| WT632060 | Laryngeal forceps, cupped jaws, |
|----------|--|
| | miniature, straight, size 1 x 23 |
| WT632061 | Laryngeal forceps, cupped jaws, |
| | miniature, curved up, size 1 x 23 |
| WT632062 | Laryngeal forceps, cupped jaws, |
| | miniature, curved right, size 1 x 23 |
| WT632063 | Laryngeal forceps, cupped jaws, |
| | miniature, curved left, size 1 x 23 |
| WT632064 | Laryngeal forceps, cupped jaws, |
| | miniature, curved up to right, size 1 x 23 |
| WT632065 | Laryngeal forceps, cupped jaws, |
| | miniature, curved up to left, size 1 x 23 |
| | |

Miniature Grasping Forceps

Miniature grasping forceps

very delicate, conical shaft, serrated, 23 cm working length

| WT632070 | Laryngeal forceps, miniature, | |
|----------|---|---|
| | very delicate, serrated, straight, size 230 | e |
| WT632071 | Laryngeal forceps, miniature, | 4 |
| | very delicate, serrated, curved up, size 230 | |
| WT632072 | Laryngeal forceps, miniature, | |
| | very delicate, serrated, curved right, size 230 | 0 |
| WT632073 | Laryngeal forceps, miniature, | |
| | very delicate, serrated, curved left, size 230 | ł |
| | | |

Miniature grasping forceps very delicate, conical shaft,

triangular jaws, 23 cm working length

WT632076 Laryngeal forceps, miniature, very delicate, triangular, curved right, size 230 WT632077 Laryngeal forceps, miniature, very delicate, triangular, curved left, size 230





WT631902

WT631904

WT631905



size 2 x 18 WT631903 Laryngeal forceps, cupped jaws, micro, for children, curved up, size 2 x 18

Forceps

cupped jaws, 3 mm diameter, working length 18 cm

cupped jaws, 2 mm diameter,

Forceps, with cupped jaws, micro, for children, straight,

working length 18 cm

Laryngeal forceps, cupped jaws, micro, for children, straight, size 3 x 18 Laryngeal forceps, cupped jaws, micro, for children, curved up, size 3 x 18

Forceps

cupped jaws, 1 mm diameter, working length 18 cm

- Laryngeal forceps, cupped jaws, micro, for children, straight, size 1 x 18
 Laryngeal forceps, cupped jaws,
 - Laryngeal forceps, cupped jaws, micro, for children, curved up, size 1 x 18

Forceps

serrated, straight, working length 18 cm

WT631910 Laryngeal forceps, cupped jaws, micro, for children, straight, size 180

Laryngeal forceps

cupped jaws, working length 18 cm

WT631930 Laryngeal forceps, cupped jaws, for children, horizontal opening, size 180











| F | đ | \square | |
|---|---|-----------|-----|
| | | | |
| | 5 | | Sa) |



Laryngeal Scissors



- For endolaryngeal microsurgery, for adults and children
- Straight and curved blades
- Models with 10° upcurved distal end for ideal entrance in the anterior commissure

Laryngeal Scissors for Adults

Pediatric Laryngeal Scissors

| <u></u> | | |
|----------|---|----------------------|
| | Laryngeal scissors standard model, conical shaft, 23 cm working length | WT631920 WT631921 |
| WT632008 | Laryngeal scissors, micro, straight, size 230 | WT631922 |
| WT632009 | Laryngeal scissors, micro, curved up, size 230 | WT631923 |
| WT632115 | Laryngeal scissors, micro, curved up 15, size 230 | WT632012 |
| WT632010 | Laryngeal scissors, micro, curved to right, size 230 | |
| WT632011 | Laryngeal scissors, micro, curved to left, size 230 | |
| WT632057 | Laryngeal scissors, micro, horizontal cutting, straight, size 230 | |
| | Miniature scissors very delicate, conical shaft, 23 cm working length | |
| WT632080 | Laryngeal scissors, miniature, straight, size 230 | |
| WT632081 | Laryngeal scissors, miniature, curved up 45, size 230 | |
| WT632082 | Laryngeal scissors, miniature, curved to right, size 230 | |
| WT632083 | Laryngeal scissors, miniature, curved to left, size 230 | |
| | Scissors | |
| | 23 cm working length | |

23 cm working length

| WT632108 | Laryngeal scissors, |
|----------|---------------------------|
| | sheath curved up, |
| | straight, size 230 |
| WT632109 | Laryngeal scissors, |
| | sheath curved up, |
| | curved up 45, size 230 |
| WT632110 | Laryngeal scissors, |
| | sheath curved up, |
| | curved to right, size 230 |
| WT632111 | Laryngeal scissors, |
| | sheath curved up, |
| | curved to left, size 230 |
| | |





A company



| Laryngeal scissors |
|----------------------|
| working length 18 cm |

| WT631920 | Laryngeal scissors, micro, |
|----------|--|
| WT631921 | straight, size 180 Laryngeal scissors, micro, |
| W1031921 | curved up 45, size 180 |
| WT631922 | Laryngeal scissors, micro, |
| W1031922 | curved to right, size 180 |
| WT631923 | Laryngeal scissors, micro, |
| 1001020 | curved to left. size 180 |
| WT632012 | Laryngeal scissors, |
| | curved up, size 230 |





Laryngeal Suction Tubes



C. S.

- For endolaryngeal microsurgery
- Suction tubes with 10° upcurved distal end, tip ballshaped, models for monopolar coagulation
- Aspiration tubes with closed, blunt end and smooth ovalshaped opening on each side
- Ebony-finished models for laser microsurgery

Laryngeal Suction Tubes

WT632220

WT632221

WT632026

Suction tube

closed blunt end,

working length 22 cm

Suction tube, distal end closed,

with 2 oval holes, size 3.0 x 220

Suction tube, distal end closed,

with 2 oval holes, size 4.0 x 220

smooth oval shaped opening on each side,

Laryngeal Suction Tubes (cont.)



10° upcurved, ball tip, 25 cm working length, various outer diameter sizes (mm)

WT632029 Suction tube, ball shaped tip, distal end upcurved, size 2.0 x 250 WT632039 Suction tube, ball shaped tip, distal end upcurved, size 4.0 x 250

25 cm working length, various diameter sizes (mm) Suction tube, with cut-off,

size 2.0 x 250 WT632027 Suction tube, with cut-off, size 2.5 x 250 WT632028 Suction tube, with cut-off, size 3.0 x 250

Suction tube

Suction tube

| ball tip, various diameter sizes (mm) | |
|---------------------------------------|--|
| working length 20 cm | |

WT631932 Suction tube, for children, ball shaped tip, size 2.0 x 200 WT631933 Suction tube, for children, ball shaped tip, size 3.0 x 200

Suction tube

with cut-off, 23 cm working length, 2.5 mm diameter

WT663923 Suction tube, with cut-off, size 2.5 x 230

Suction tube

with interruption, ebony finish, 23 cm working length, various diameter sizes (mm)

WT641025 Suction tube, black, with cut-off, size 2.5 x 230 WT641030 Suction tube, black, with cut-off, size 3.0 x 230

Suction tube



ebony finish, closed blunt end, smooth oval shaped opening on each side, 22 cm working length, 3 mm diameter

WT641033 Suction tube, black, distal tip closed, with 2 oval holes, size 3.0 x 230



Injection Needles, Cotton Applicator



- Injection needles, with Luer-lock, curved and bayonetshaped models
- Cotton applicators with twisted end, serrated

| Laryngea | I Injection Needles | |
|----------|--|--|
| WT632130 | Injection cannula Luer-lock, 23 cm working length Injection cannula, with Luer-lock, | |
| | bayonet shaped, size 230 | |
| | | |
| WT632131 | Injection cannula, with Luer-lock, curved, size 230 | |
| | | |
| | Bouchayer injection cannula | |
| WT637740 | Injection cannula, acc. to Bouchayer, with Luer-lock, bayonet shape, 25G | |

Laryngeal Cotton Applicator

۱

| | Cotton applicator twisted end, serrated, 28 cm length, 2.5 mm diameter | |
|----------|---|--|
| WT632128 | Cotton applicator, twisted end, serrated, size 2.5 x 280 | |

_0[_____]



Needle Holders and Vocal Cord Retractors



- Laryngeal needle holders: Conical and delicate models, with ratchet
- Vocal cord retractor: Atraumatic model, self-retaining, with ratchet

Laryngeal Needle Holders

Needle holder



with ratchet, conical shaft, 23 cm working length

WT632036 Needle holder, with ratchet, size 230



Needle holder

for endo-laryngoscopy, delicate, with teethed rounded jaws, 1.6 mm diameter, upcuved, self retaining, with ratchet, 23 cm working length

WT632037 Needle holder, with ratchet, slender, with serrated jaws, size 230







Vocal Cord Retractor

| | Atraumatic vocal cord retractor | \mathcal{C} |
|----------|--|---------------|
| | self retaining, with ratchet, | _ |
| | 24 cm working length | C |
| WT632038 | Retractor, atraumatic, | |
| | for vocal cords, self retaining, size 240 | |







Micro-Laryngeal Instruments



- For endolaryngeal microsurgery
- Individually rotatable
- Different type of handle

| Laryngea | Il Knives | | Laryngea | I Needles | |
|----------|--|---------------|----------------------|--|---------------|
| WT632013 | Round knife 2.5 mm diameter, angled 45°, 23 cm working length Round knife, angled 45, | | WT632020 | Needle curved to right, 23 cm working length Needle, curved right, size 230 | |
| | size 2.5 x 230 Round knife round, vertical cutting, | | WT632021 | Needle, curved left, size 250 | |
| WT632014 | 23 cm working length Round knife, vertical cutting, size 230 | | Laryngea | I Elevator, Knot Tier Elevator 22 cm working length | |
| | Knife oval, straight, 23 cm working length | | WT637560 WT637561 | Elevator, curved right, size 220 Elevator, curved left, size 220 | |
| WT632015 | Knife, oval, straight, size 230 | | | Elevator 23 cm working length | |
| | Sickle knife straight cutting, 23 cm working length | | WT632022 WT632049 | Elevator, with suction channel, size 230 Elevator, curved, size 230 | |
| WT632016 | Sickle knife, pointed, straight, size 230 | | WT637710 WT637711 | Elevator, curved right 90, size 220 Elevator, curved left 90, size 220 | |
| WT632116 | Sickle knife, pointed, curved, size 230 | | | Knot pusher 23 cm working length | \sim |
| | Knife golf club shaped, 23 cm working length | | WT632023 | Knot pusher, size 230 | |
| WT632017 | Knife, golfstick shape, size 230 | | Handles | for Micro-Laryngeal Instrume | ents |
| | Laryngeal knife lancet shape, 33 cm working length | | | Handle | 61 |
| WT637570 | Laryngeal knife, lancet shape, with grip plate, size 330 | | WT632025 WT000805 | Handle, for WT632013-WT632116 Spare screw, for handle (not shown) | |
| Laryngea | ll Hooks | | | | |
| | Hook 23 cm working length | | WT264100 | Handle, acc. to Heermann, black, for Heermann gouges/ micro larynx instruments | |
| WT632018 | Hook, with ball end, blunt, size 230 | $\overline{}$ | WT000804 | Spare screw, for handle acc. to Heermann (not shown) | |
| WT632019 | Hook, sharp, size 230 | | WT0 40010 | | |
| WT632024 | Hook, with ball end, angled 90, size 230 | | WT840212 | Handle, round, Tor endoscopes, size 4.0 | \mathcal{I} |



Laser Protectors

the second

- For CO₂ micro-laryngeal laser surgery: protects lower regions of the mucous membrane from the laser beam
- Models with round, oval and corner-spaped protector tips, with smoke evacuation channel
- Ebony-finished tips and shaft

Laser Protectors

Laser Protectors (cont.)



| ~ | | | | D | |
|----------------------|--|----------------|----------|---|---|
| | Laser protector round, various diameters (mm), with smoke evacuation channel, 23 cm working length | | | Laser protector bayonet shaped, 7 mm width, with smoke evacuation channel, 23 cm working length | |
| WT641003 | Protector, with suction channel, black, round, curved upward, size 3.0 x 230 | | WT641013 | Protector, with suction channel, black, bayonet shaped, suction hole left, size 230 | |
| WT641004 WT641005 | Protector, with suction channel, black, round, curved upward, size 4.0 x 230 Protector, with suction channel, | | WT641014 | Protector, with suction channel, black, bayonet shaped, suction hole right, size 230 | |
| W1041005 | black, round, curved upward, size 5.0 x 230 | | | Laser protector 10 x 10 mm, upcurved, for larynx and trachea, | |
| | Laser protector oval, straight, | | | with smoke evacuation channel, 26 cm working length | |
| | with smoke evacuation channel, various diameters (mm), 23 cm working | g length | WT641016 | Protector, with suction channel, black, curved upward, size 10 x 260 | |
| WT641007 WT641009 | Protector, with suction channel, black, oval, curved upward, size 5.0 x 230 Protector, with suction channel, | | | Laser protector slightly upcurved, 7 mm width, | |
| WT641010 | black, oval, suction hole left, size 6.0 x 230 Protector, with suction channel, | | | for hypopharyngeal diverticulum, with smoke evacuation channel, 28 cm working length | |
| | black, oval, suction hole right, size 6.0 x 230 | | WT641017 | Protector, with suction channel, black, slightly curved upward, size 7.0 x 280 | 0 |
| | Laser protector corner shaped, 6 mm width, ebony finish, with smoke evacuation channel, 23 cm | working length | | | |
| WT641011 | Protector, with suction channel, black, angular, suction hole left, size 230 | | | | |
| WT641012 | Protector, with suction channel, black, angular, suction hole right, size 230 | | | | |