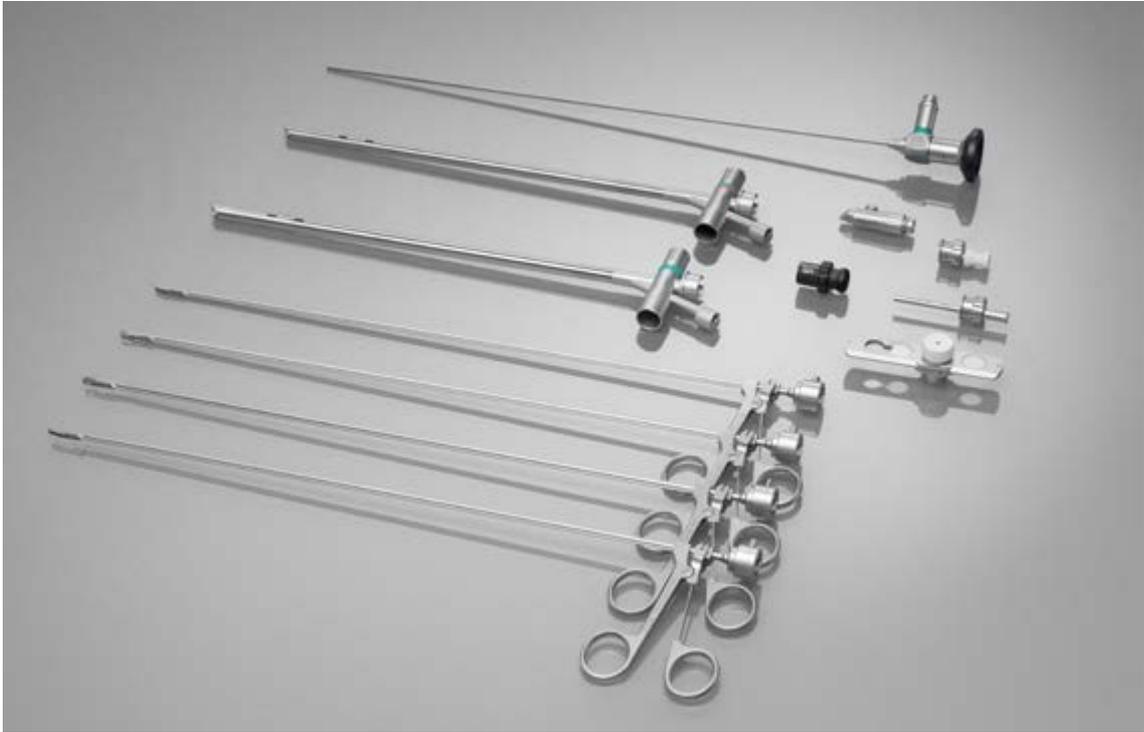


# Bronchoscopy Instruments for Children

Set classification according to age groups  
for foreign body removal





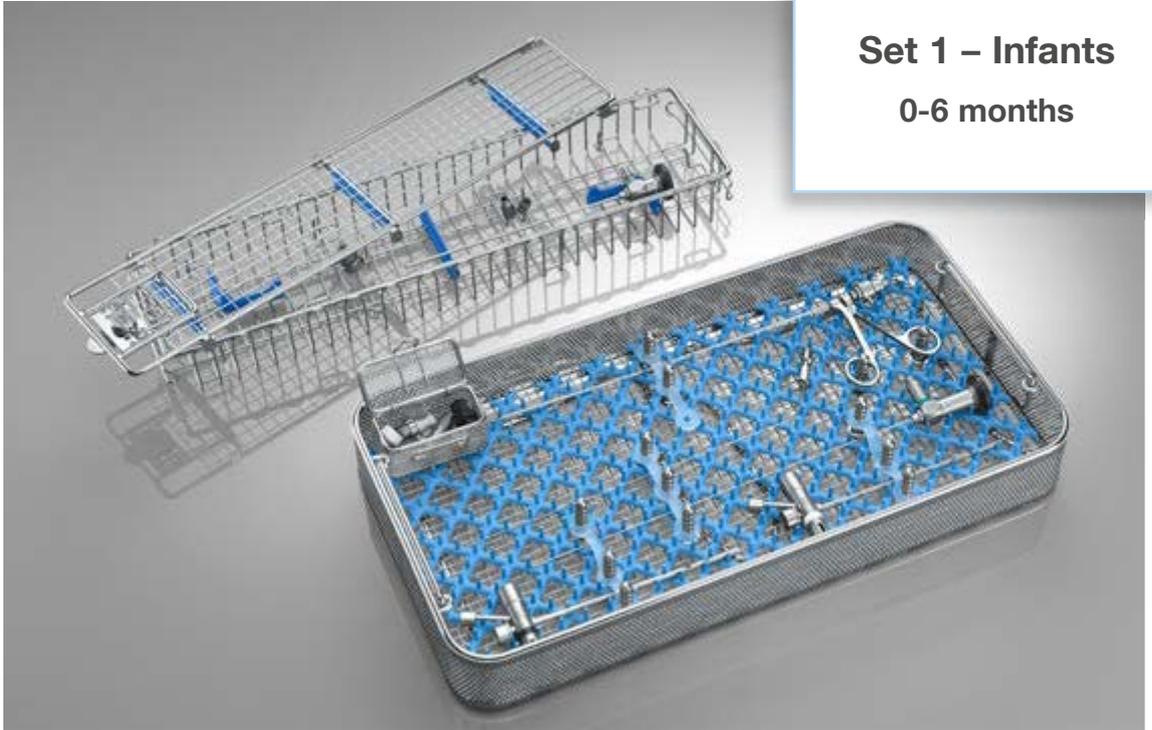
Rigid bronchoscopy has been performed for more than 100 years, and in the course of this long history, considerable advancements have been made. The company KARL STORZ has played a major role in these developments and possesses more than 65 years of experience in this area.

On this basis, we have developed pediatric bronchoscopes that are customized to the anatomy of children but offer the same features as bronchoscopes for adults. This includes bronchoscopes in various sizes and lengths as well as optical forceps and accessories.

To optimally structure our comprehensive product range for the benefit of our customers, we offer a total of three sets for foreign body removal in children. They are organized by age and corresponding tracheal diameter. Each set includes the appropriate bronchoscope sizes with a compatible telescope, optical forceps, and accessories. The instrument sets therefore offer everything needed for foreign body removal.

	<b>Set 1 Infants</b>	<b>Set 2 Small Children</b>	<b>Set 3 Children</b>
<b>Age</b>	0-6 months	0.5-6 years	6-12 years
<b>Trachea</b>	5-6 mm	6-9 mm	9-13 mm

**Set 1 – Infants**  
**0-6 months**



The smallest set for foreign body removal is suitable for newborns and infants from birth to six months of age. It is based on a short HOPKINS® telescope with rod lens system. In combination with the two rigid KARL STORZ bronchoscopes in sizes 2.5 and 3 as well as the telescope bridge, this allows intubation and inspection of the small bronchial system.

The equipment is completed by optical alligator forceps that can be introduced through the smallest pediatric bronchoscope of size 2.5. The forceps are combined with a semirigid miniature straight forward telescope, which makes telescope-assisted procedures possible even in infants.

The set is completed by a suction tube and a variety of accessories.

**Set 2 – Small  
Children  
0.5-6 years**



The set for small children from six months through to six years of age contains the most items. Foreign body aspiration is most common in this age group.

The set consists of five bronchoscopes in different lengths (26 and 30 cm) and sizes (3.5, 4, and 4.5) as well as the associated accessories. Through the two telescope bridges, any bronchoscope can be connected to the included HOPKINS® telescope with 0° straight forward view.

Furthermore, the telescope can be used beyond intubation and inspection by combining it with the three different optical forceps. The latter are designed for the controlled grasping and removal of various types of foreign bodies:

- Hard foreign bodies
- Soft foreign bodies and peanuts
- Flat foreign bodies and coins

**Set 3 – Children  
6-12 years**



KARL STORZ offers an excellent solution for children six to fourteen years of age as well. The equipment consists of two 40 cm long bronchoscopes and three different optical forceps as well as the associated accessories and was designed on the basis of the 44 cm long HOPKINS® straight forward telescope.

The telescope bridge can be used to connect the HOPKINS® telescope to the two bronchoscopes of sizes 5 and 6. Similar to Set 2, the optical forceps are designed for the following types of foreign bodies:

- Hard foreign bodies
- Soft foreign bodies and peanuts
- Flat foreign bodies and coins

## Product Overview Set 1 – Infants

### Telescopes



- 10018AA **HOPKINS® Straight Forward Telescope 0°**, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



- 10030AA **Miniature Straight Forward Telescope 0°**, semirigid, diameter 1.3 mm, length 30.6 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

### Bronchoscopes and Telescope Bridge



- 10339F **DOESEL-HUZLY Bronchoscope**, size 2.5, outer diameter 4.2 mm, inner diameter 3.5 mm, length 18.5 cm
- 10339E **DOESEL-HUZLY Bronchoscope**, size 3, outer diameter 5 mm, inner diameter 4.3 mm, length 18.5 cm



- 10338LCD **Telescope Bridge**, for fixed position between HOPKINS® Telescopes 10017AA, 10018AA, 10020ATA and pediatric Bronchoscopes 10339A, 10339B, 10339BB, 10339C, 10339G, 10339CD, 10339D, 10339E, 10339F

## Optical Forceps



10374HF

**Optical Forceps**, with alligator jaws, serrated, double action jaws, with force-limited handle, working length 29 cm, incl. cleaning adaptor, for use with Miniature Straight Forward Telescope 10030AA

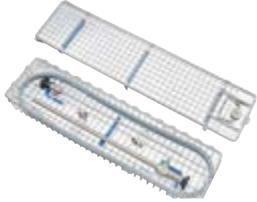
## Suction Tube



10383CC

**Suction Tube, with cut-off hole**, outer diameter 1 mm, working length 25 cm

## Wire Trays



39501B2 **Wire Tray for Cleaning, Sterilization and Storage** of two rigid endoscopes and one light cable, including holder for light post adaptors, silicone telescope holders and lid, external dimensions (w x d x h): 487 x 125 x 54 mm, for rigid endoscopes up to diameter 10 mm and working length 32 cm



39502Z **Wire Tray for Cleaning, Sterilization and Storage** of instruments, stackable, including hole plate walls and foldaway handles, external dimensions (w x d x h): 480 x 250 x 66 mm

39100S **Silicone Grid Insert LARGE DIAMOND GRID**, blue, extra wide meshed, for the storage of instruments in standard wire trays, plastic and sterilization containers, external dimensions: (w x d): 470 x 240 mm



39100PS **Fixation Pin**, including screw and washer, to screw instruments into position in wire trays, height 38 mm, package of 12, for use with Silicone Tie-Downs 39360AS



39360AS **Silicone Tie-Downs**, package of 12, for use with Fixation Pins 39100PS and 39360AP

39501XS **Small Parts Basket**, for Wire Trays 39501X, 39501XK and 39501FR, external dimensions (w x d x h): 80 x 40 x 40 mm

Appropriate accessories can be found on page 15.

## Product Overview Set 2 – Small Children

### HOPKINS® Telescope



- 10324AA **HOPKINS® Straight Forward Telescope 0°**, diameter 2.9 mm, length 36 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

### Bronchoscopes and Telescope Bridges



- 10339DD **DOESEL-HUZLY Bronchoscope**, size 3.5, outer diameter 5.7 mm, inner diameter 5 mm, length 26 cm
- 10339CC **DOESEL-HUZLY Bronchoscope**, size 4, outer diameter 6.7 mm, inner diameter 6 mm, length 26 cm
- 10339CD **DOESEL-HUZLY Bronchoscope**, size 3.5, outer diameter 5.7 mm, inner diameter 5 mm, length 30 cm
- 10339C **DOESEL-HUZLY Bronchoscope**, size 4, outer diameter 6.7 mm, inner diameter 6 mm, length 30 cm
- 10339BB **DOESEL-HUZLY Bronchoscope**, size 4.5, outer diameter 7.3 mm, inner diameter 6.6 mm, length 30 cm



- 10338RK **Telescope Bridge**, for fixed position between HOPKINS® Telescopes 10324AA, 10324BA and Bronchoscopes 10339A, 10339B, 10339BB, 10339C, 10339CD, 10339EEE, 10339G
- 10338RL **Telescope Bridge**, for fixed position between HOPKINS® Telescope 10324AA and Bronchoscopes 10339CC, 10339DD, 10339EE, 10339GG

## Optical Forceps



10378HF **Optical Forceps**, with alligator jaws, serrated, double action jaws, with force-limited handle, working length 34 cm, incl. cleaning adaptor, for use with HOPKINS® Telescope 10324AA

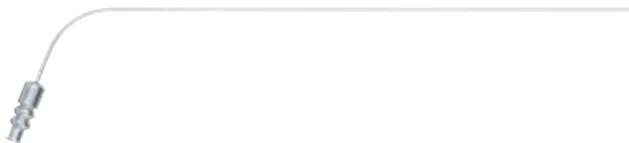


10378CF **Optical Forceps**, flat, serrated, 2 x 2 teeth, double action jaws, with force-limited handle, working length 34 cm, incl. cleaning adaptor, for use with HOPKINS® Telescope 10324AA



10378KF **Optical Forceps**, with KILLIAN bean jaws, blunt grooved, double action jaws, with force-limited handle, working length 34 cm, incl. cleaning adaptor, for use with HOPKINS® Telescope 10324AA

## Suction Tube



10380CB **Suction Tube**, outer diameter 2 mm, working length 35 cm

## Wire Trays



39502ZL **Wire Tray for Cleaning, Sterilization and Storage** of instruments, long, stackable, including hole plate walls and foldaway handles, external dimensions (w x d x h): 535 x 250 x 66 mm

39100SL **Silicone Grid Insert LARGE DIAMOND GRID**, blue, extra wide meshed, for storage of instruments in wire baskets, external dimensions: 530 x 240 mm



39100PS **Fixation Pin**, including screw and washer, to screw instruments into position in wire trays, height 38 mm, package of 12, for use with Silicone Tie-Downs 39360AS



39360AS **Silicone Tie-Downs**, package of 12, for use with Fixation Pins 39100PS and 39360AP

39501XS **Small Parts Basket**, for Wire Trays 39501X, 39501XK and 39501FR, external dimensions (w x d x h): 80 x 40 x 40 mm

Appropriate accessories can be found on page 15.

## Product Overview Set 3 – Children

### HOPKINS® Telescope



- 10023ABA **HOPKINS® Straight Forward Telescope 0°**, diameter 2.8 mm, length 44 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

### Bronchoscopes and Telescope Bridge



- 10339 BL **DOESEL-HUZLY Bronchoscope**, size 5, outer diameter 7.8 mm, inner diameter 7.1 mm, length 40 cm
- 10339 AL **DOESEL-HUZLY Bronchoscope**, size 6, length 40 cm



- 10338 R **Telescope Bridge**, for fixed position between HOPKINS® Telescopes 10023ABA, 10020ATA, 10020BA and Bronchoscopes 10339AL, 10339BL, 10339CC, 10339GG, 10339DD, 10339EE

## Optical Forceps



10379HF

**Optical Forceps**, with alligator jaws, serrated, double action jaws, with force-limited handle, working length 42 cm, incl. cleaning adaptor, for use with HOPKINS® Telescope 10023ABA



10379CF

**Optical Forceps**, flat, serrated, 2 x 2 teeth, double action jaws, with force-limited handle, working length 42 cm, incl. cleaning adaptor, for use with HOPKINS® Telescope 10023ABA



10379KF

**Optical Forceps**, with KILLIAN bean jaws, blunt grooved, double action jaws, with force-limited handle, working length 42 cm, incl. cleaning adaptor, for use with HOPKINS® Telescope 10023ABA

## Suction Tube



10381A

**Suction Tube**, with rubber tip, straight, outer diameter 4 mm, working length 50 cm

## Wire Trays



39502ZL **Wire Tray for Cleaning, Sterilization and Storage** of instruments, long, stackable, including hole plate walls and foldaway handles, external dimensions (w x d x h): 535 x 250 x 66 mm

39100SL **Silicone Grid Insert LARGE DIAMOND GRID**, blue, extra wide meshed, for storage of instruments in wire baskets, external dimensions: 530 x 240 mm



39100PS **Fixation Pin**, including screw and washer, to screw instruments into position in wire trays, height 38 mm, package of 12, for use with Silicone Tie-Downs 39360AS

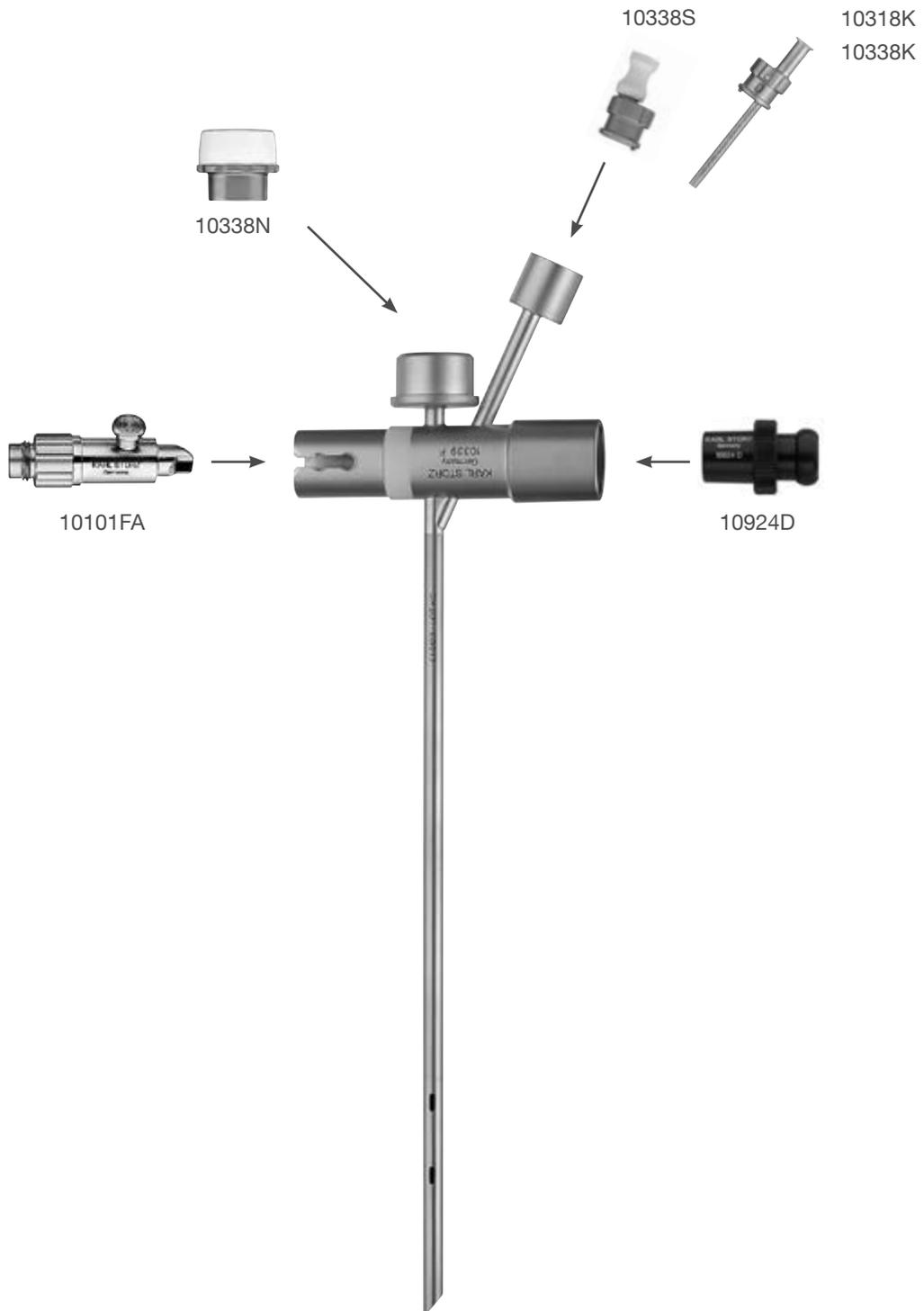


39360AS **Silicone Tie-Downs**, package of 12, for use with Fixation Pins 39100PS and 39360AP

39501XS **Small Parts Basket**, for Wire Trays 39501X, 39501XK and 39501FR, external dimensions (w x d x h): 80 x 40 x 40 mm

Appropriate accessories can be found on page 15.

## Customized Accessories



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.

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