Highlights 2020
Oral and Maxillofacial Surgery

Treatment of Salivary Stones and Stenoses in the Salivary Duct
Endoscopic Treatment and Removal of Salivary Stones and Stenoses in the Salivary Duct

Sialendoscopes
Diagnosis/Therapy

- ALL-IN-ONE Sialendoscopes, ERLANGEN model
- MARCHAL ALL-IN-ONE Sialendoscopes
- MARCHAL Modular Sialendoscopes

Instruments

- Dilation Instruments/Stone Extractors
- Micro Burrs/Forceps/Balloon Catheters and Curved Scissors
Lithotripsy via Laser

Visualization

CALCULASE® III

IMAGE1 S™ 4U

IMAGE1 S™

TELE PACK+
ALL-IN-ONE Sialendoscopes, ERLANGEN Model

Special Features:

- Semiflexible miniature endoscopes for exploring the salivary ducts and removing salivary stones
- cm-marking at the distal working end for reading the penetration depth
- Semiflexible thanks to the nitinol outer sheath
- ALL-IN-ONE sialendoscopes with integrated irrigation and working channels
- Enables the minimally invasive removal of obstructions in the salivary ducts
- Autoclavable sialendoscopes
Diagnostic Sialendoscopes

11572A Miniature Straight Forward Telescope 0°, NITI, diameter 0.8 mm, working length 10 cm, semiflexible, autoclavable, irrigation channel diameter 0.25 mm, length 140 cm, with remote eyepiece, fiber optic light transmission incorporated

Therapeutic Sialendoscopes

11573A Miniature Straight Forward Telescope 0°, NITI, diameter 1.1 mm, working length 10 cm, semiflexible, autoclavable, working channel diameter 0.45 mm, irrigation channel diameter 0.25 mm, length 140 cm, remote eyepiece, fiber optic light transmission incorporated

11574A Miniature Straight Forward Telescope 0°, NITI, diameter 1.6 mm, working length 10 cm, semiflexible, autoclavable, working channel diameter 0.8 mm, irrigation channel diameter 0.25 mm, length 140 cm, with remote eyepiece, fiber optic light transmission incorporated

Dilation Instruments

745910 Dilator, for the salivary duct, length 14 cm
745920 Same, size 1, diameter 0.5-0.8 mm
745921 Same, size 2, diameter 0.7-1 mm
745922 Same, size 3, diameter 0.9-1.2 mm
745923 Same, size 4, diameter 1-1.6 mm
745924 Same, size 5, diameter 1.1-1.8 mm

Further instruments for dilation can be found in the ENT catalog.
### Instruments

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11574TJ</td>
<td>Foreign Body Forceps, flexible, double action jaws, diameter 0.8 mm, working length 30 cm</td>
</tr>
<tr>
<td>11574ZJ</td>
<td>Biopsy Forceps, flexible, double action jaws, diameter 0.8 mm, working length 30 cm</td>
</tr>
<tr>
<td>11573MB</td>
<td>Micro Burr for Salivary Stones, diameter 0.38 mm, for use with Miniature Straight Forward Telescopes 11573A and 11582A</td>
</tr>
<tr>
<td>11574MB</td>
<td>Micro Burr for Salivary Stones, diameter 0.8 mm, for use with Miniature Straight Forward Telescopes 11574A and 11583A</td>
</tr>
</tbody>
</table>

### Single-use Products

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11575K</td>
<td>Stone Extractor, diameter 0.6 mm, basket with 3 wires, sterile, for single use</td>
</tr>
<tr>
<td>11575L</td>
<td>Stone Extractor, diameter 0.6 mm, basket with 6 wires, sterile, for single use</td>
</tr>
<tr>
<td>11582M</td>
<td>Stone Extractor, diameter 0.4 mm, basket with 4 wires, sterile, for single use</td>
</tr>
<tr>
<td>11573NP</td>
<td>Stone Extractor, front-loading without handle, diameter 0.4 mm, basket with 4 wires, length 35 cm, sterile, for single use, package of 10</td>
</tr>
<tr>
<td>11573T</td>
<td>Stone Extractor, diameter 0.6 mm, basket with 4 wires, tipless, handle for fixation to endoscope</td>
</tr>
<tr>
<td>11573M</td>
<td>Stone Extractor, diameter 0.4 mm, basket with 4 wires, handle for fixation to endoscope</td>
</tr>
</tbody>
</table>

Please note: The compatibility of the stone extractors depends on the working channel diameter of the respective sialendoscopes.
**Balloon Catheter**

11583BP  **Balloon Catheter**, diameter 0.75 mm, sterile, for single use, package of 10, for use with 11574A, 11583A, 11576KF and 11577KE

**Forceps and Scissors**

745715  **Dressing Forceps**, angled, length 15 cm  
745716  **Tissue Forceps**, angled, with 1 x 2 teeth, length 15 cm  
745717  **Angled Scissors for Salivary Glands**, with bulb, length 14 cm  
745719  **METZENBAUM Scissors**, for sialolithotomy, curved, sharp/sharp, length 18 cm

**Reprocessing**

11580D  **Metal Tray**, for sterilization and storage of one Miniature Straight Forward Telescope 11572A – 11574A, perforated, lid with silicone bridges, with port for irrigation connector, external dimensions (w x d x h): 275 x 175 x 37 mm  
11580J  **Metal Tray**, for sterilization and storage of two Forceps 11574 TJ and 11574 ZJ as well as two Burrs 11573MB and 11574MB for sialendoscopy, perforated, lid with silicone bridges, external dimensions (w x d x h): 373 x 178 x 35 mm

**Cleaning Brushes**

27651K4  **Cleaning Brush**, round, flexible, for irrigation channel diameter 0.2-0.25 mm, length 30 cm, for single use, package of 10  
27651K5  **Cleaning Brush**, round, flexible, for irrigation channel diameter 0.25-0.4 mm, length 40 cm, for single use, package of 10  
27651K1  **Cleaning Brush**, round, flexible, for irrigation channel diameter 0.4-0.6 mm, length 40 cm, for single use, package of 10  
27651K2  **Cleaning Brush**, round, flexible, for irrigation channel diameter 0.6-0.8 mm, length 40 cm, for single use, package of 10  
27651K3  **Cleaning Brush**, round, flexible, for irrigation channel diameter 0.8-1.4 mm, length 40 cm, for single use, package of 10
MARCHAL ALL-IN-ONE Sialendoscopes

Special Features:

- Semiflexible miniature endoscopes for exploring the salivary ducts and removing salivary stones
- cm-marking at the distal working end for reading the penetration depth
- ALL-IN-ONE sialendoscopes with integrated irrigation and working channels
- 5° curvature at the distal tip
- Enables the minimally invasive removal of obstructions in the salivary ducts
- Autoclavable sialendoscopes
Diagnostic Sialendoscopes

11581A  **Miniature Straight Forward Telescope 0°**, diameter 0.89 mm, working length 12 cm, semirigid, **autoclavable**, distal angle 5°, irrigation channel 0.2 mm, length 140 cm, remote eyepiece with fiber optic light transmission incorporated, including Protective Tube 11520P

Therapeutic Sialendoscopes

11582A  **Miniature Straight Forward Telescope**, diameter 1.1 mm, working length 12 cm, semirigid, **autoclavable**, distal angle 5°, working channel 0.45 mm, irrigation channel 0.2 mm, length 140 cm, remote eyepiece with fiber optic light transmission incorporated, including Protective Tube 11520P

11575A  **Miniature Straight Forward Telescope**, diameter 1.3 mm, working length 12 cm, semirigid, **autoclavable**, distal angle 5°, working channel diameter 0.6 mm, irrigation channel diameter 0.25 mm, length 100 cm, remote eyepiece with fiber optic light transmission incorporated, including Protective Tube 11520P

11583A  **Miniature Straight Forward Telescope**, diameter 1.6 mm, working length 12 cm, semirigid, **autoclavable**, distal angle 5°, working channel 0.8 mm, irrigation channel 0.25 mm, length 140 cm, remote eyepiece with fiber optic light transmission incorporated, including Protective Tube 11520P

Salivary Duct Probes

745847  **Salivary Duct Probe**, size 0000

745848  *Same*, size 000

745849  *Same*, size 00

745850  *Same*, size 0

745851  *Same*, size 1

745852  *Same*, size 2

745853  *Same*, size 3

745854  *Same*, size 4

745855  *Same*, size 5

745856  *Same*, size 6

745857  *Same*, size 7

745858  *Same*, size 8
MARCHAL Bougies and Guide Wires

745708  MARCHAL Bougie, diameter 1 mm, for use with Guide Wire 745725
745709  Same, diameter 1.5 mm
745710  Same, diameter 2 mm, for use with Guide Wire 745725
745711  Same, diameter 2.5 mm, for use with Guide Wire 745725
745712  Same, diameter 3 mm, for use with Guide Wire 745725
745713  Same, diameter 3.5 mm, for use with Guide Wire 745720
745720  Guide Wire, diameter 0.6 mm, sterile, for single use, package of 10, for use with Bougies 745710-745713
745725  Same, diameter 0.4 mm, for use with Bougies 745808-745713

Dilator

745910  Dilator for the Salivary Duct, length 14 cm

Instruments

11583TJ  Foreign Body Forceps, flexible, double action jaws, diameter 0.8 mm, working length 26.5 cm
11583ZJ  Biopsy Forceps, flexible, double action jaws, diameter 0.8 mm, working length 26.5 cm
11573MB  Micro Burr for Salivary Stones, diameter 0.38 mm, for use with Miniature Straight Forward Telescopes 11573A and 11582A
11574MB  Micro Burr for Salivary Stones, diameter 0.8 mm, for use with Telescopes 11574A and 11583A

Single-use Products

11575K  Stone Extractor, diameter 0.6 mm, basket with 3 wires, sterile, for single use
11575L  Stone Extractor, diameter 0.6 mm, basket with 6 wires, sterile, for single use
11582M  Stone Extractor, diameter 0.4 mm, basket with 4 wires, sterile, for single use
11573NP  Stone Extractor, diameter 0.4 mm, front-loading without handle, basket with 4 wires, length 35 cm, sterile, for single use, package of 10
11573T  Stone Extractor, diameter 0.6 mm, basket with 4 wires, tipless, handle for fixation to endoscope, sterile
11573M  Stone Extractor, diameter 0.4 mm, basket with 4 wires, handle for fixation to endoscope 11573MB
          Micro Burr for Salivary Stones, diameter 0.38 mm, for use with Miniature Straight Forward Telescopes 11573A and 11582A
11574MB  Same, diameter 0.8 mm, for use with Miniature Straight Forward Telescopes 11574A and 11583A

Please note: The compatibility of the stone extractors depends on the working channel diameter of the respective sialendoscopes.
Treatment of Salivary Stones and Stenoses in the Salivary Duct

Balloon Catheters

11577BP  Balloon Catheter, diameter 0.9 mm, total length 42.5 cm, sterile, for single use, package of 10, for use with Operating Sheaths 11576KF and 11577KE

11583BP  Balloon Catheter, diameter 0.75 mm, total length 42.5 cm, sterile, for single use, package of 10, for use with 11574A, 11583A, 11576KF and 11577KE

Forceps and Scissors

745715  Dressing Forceps, angled, length 15 cm

745716  Tissue Forceps, angled, with 1 x 2 teeth, length 15 cm

745717  Angled Scissors for Salivary Glands, with bulb, length 14 cm

745719  METZENBAUM Scissors, for sialolithotomy, curved, sharp/sharp, length 18 cm

Reprocessing

11580A  Metal Tray, for sterilization and storage of Salivary Duct Probes 745847-745858 and Dilator 745910, perforated, lid with silicone bridges, external dimensions (w x d x h): 178 x 135 x 37 mm

11580B  Metal Tray, for sterilization and storage of one Miniature Straight Forward Telescope 11575A, 11581A, 11582A, 11583A, 11578A or 58001A, perforated, lid with silicone bridges, with port for irrigation connector, external dimensions (w x d x h): 275 x 178 x 35 mm

Cleaning Brushes

27651K4  Cleaning Brush, round, flexible, for irrigation channel diameter 0.2-0.25 mm, length 30 cm, for single use, package of 10

27651K5  Cleaning Brush, round, flexible, for irrigation channel diameter 0.25-0.4 mm, length 40 cm, for single use, package of 10

27651K1  Cleaning Brush, round, flexible, for irrigation channel diameter 0.4-0.6 mm, length 40 cm, for single use, package of 10

27651K2  Cleaning Brush, round, flexible, for irrigation channel diameter 0.6-0.8 mm, length 40 cm, for single use, package of 10

27651K3  Cleaning Brush, round, flexible, for irrigation channel diameter 0.8-1.4 mm, length 40 cm, for single use, package of 10

Further instruments for dilation can be found in the ENT catalog.
MARCHAL Modular Sialendoscope for Diagnosis and Therapy

- Miniature endoscopes for children, adolescents and adults
- Malleable sheaths
- Working channel with diameter 0.65 or 1.15 mm
### Miniature Endoscopes for Children and Adolescents

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11576A</td>
<td><strong>Miniature Straight Forward Telescope 0°</strong>, diameter 0.75 mm, working length 16 cm, semirigid,</td>
</tr>
<tr>
<td></td>
<td><em>autoclavable</em>, length 145 cm, with remote eyepiece and light connection, LUER-Lock adaptor,</td>
</tr>
<tr>
<td></td>
<td>fiber optic light transmission incorporated, including Protective Tube 11576P</td>
</tr>
<tr>
<td>11576KA</td>
<td><strong>Examination Sheath</strong>, diameter 1.1 mm, working length 16 cm, with blunt obturator, with lateral</td>
</tr>
<tr>
<td></td>
<td>LUER-Lock adaptor for irrigation, for use with Miniature Straight Forward Telescope 11576A</td>
</tr>
<tr>
<td>11576KF</td>
<td><strong>Operating Sheath</strong>, oval, diameter 1.1 and 1.3 mm, working length 16 cm, telescope channel</td>
</tr>
<tr>
<td></td>
<td>diameter 0.9 mm, working channel diameter 1.15 mm, with 2 obturators, with lateral LUER-Lock</td>
</tr>
<tr>
<td></td>
<td>adaptor for irrigation, for use with Miniature Straight Forward Telescope 11576A</td>
</tr>
<tr>
<td>11576KG</td>
<td><strong>Same</strong>, diameter 1.1 mm and 0.8 mm, working channel diameter 0.65 mm</td>
</tr>
</tbody>
</table>

### Miniature Endoscopes for Adults

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11577A</td>
<td><strong>Miniature Straight Forward Telescope 0°</strong>, diameter 1 mm, working length 16 cm, semirigid,</td>
</tr>
<tr>
<td></td>
<td><em>autoclavable</em>, length 145 cm, with remote eyepiece and light connection, LUER-Lock adaptor,</td>
</tr>
<tr>
<td></td>
<td>fiber optic light transmission incorporated, including Protective Tube 11576 P</td>
</tr>
<tr>
<td>11577KA</td>
<td><strong>Examination Sheath</strong>, diameter 1.3 mm, working length 16 cm, with blunt obturator, with lateral</td>
</tr>
<tr>
<td></td>
<td>LUER-Lock adaptor for irrigation, for use with Miniature Straight Forward Telescope 11577A</td>
</tr>
<tr>
<td>11577KE</td>
<td><strong>Operating Sheath</strong>, oval, diameter 1.3 mm and 1.3 mm, working length 16 cm, telescope channel</td>
</tr>
<tr>
<td></td>
<td>1.15 mm, working channel diameter 1.15 mm, with 2 obturators, with lateral LUER-Lock adaptor for</td>
</tr>
<tr>
<td></td>
<td>irrigation, for use with Miniature Straight Forward Telescope 11577A</td>
</tr>
<tr>
<td>11577KD</td>
<td><strong>Same</strong>, diameter 1.3 mm and 0.8 mm, working channel diameter 0.65 mm</td>
</tr>
</tbody>
</table>
Dilation Instruments

Salivary Duct Probes

745847  Salivary Duct Probe, size 0000
745848  Same, size 000
745849  Same, size 00
745850  Same, size 0
745851  Same, size 1
745852  Same, size 2
745853  Same, size 3
745854  Same, size 4
745855  Same, size 5
745856  Same, size 6
745857  Same, size 7
745858  Same, size 8

MARCHAL Bougies and Guide Wires

745708  MARCHAL Bougie, diameter 1 mm, for use with Guide Wire 745725
745709  Same, diameter 1.5 mm
745710  Same, diameter 2 mm, for use with Guide Wire 745725
745711  Same, diameter 2.5 mm, for use with Guide Wire 745725
745712  Same, diameter 3 mm, for use with Guide Wire 745725
745713  Same, diameter 3.5 mm, for use with Guide Wire 745720
745720  Guide Wire, diameter 0.6 mm, sterile, for single use, package of 10, for use with Bougies 745710-745713
745725  Same, diameter 0.4 mm, for use with Bougies 745808-745713

Dilator

745910  Dilator for the Salivary Duct, length 14 cm
Treatment of Salivary Stones and Stenoses in the Salivary Duct

**Forceps for Sialendoscopy**

- 11576TJ  **Foreign Body Forceps**, flexible, double action jaws, diameter 1 mm, working length 19 cm
- 11576ZJ  **Biopsy Forceps**, flexible, double action jaws, diameter 1 mm, working length 19 cm

**Stone Extractors and Balloon Catheters**

- 11575K  **Stone Extractor**, diameter 0.6 mm, basket with 3 wires, sterile, for single use
- 11575L  **Stone Extractor**, diameter 0.6 mm, basket with 6 wires, sterile, for single use
- 11582M  **Stone Extractor**, diameter 0.4 mm, basket with 4 wires, sterile, for single use
- 11573NP **Stone Extractor**, front-loading without handle, diameter 0.4 mm, basket with 4 wires, length 35 cm, sterile, for single use, package of 10
- 11577BP  **Balloon Catheter**, diameter 0.9 mm, total length 42.5 cm, sterile, for single use, package of 10, for use with Operating Sheaths 11576KF and 11577KE
- 11583BP  **Same**, diameter 0.75 mm, for use with 11574A, 11583A, 11576KF and 11577KE

**Forceps and Scissors**

- 745715  **Dressing Forceps**, angled, length 15 cm
- 745716  **Tissue Forceps**, angled, with 1 x 2 teeth, length 15 cm
- 745717  **Angled Scissors for Salivary Glands**, with bulb, length 14 cm
- 745719  **METZENBAUM Scissors**, for sialolithotomy, curved, sharp/sharp, length 18 cm

**Reprocessing**

- 11580 C  **Metal Tray**, for the sterilization and storage of one Miniature Straight Forward Telescope 11576A or 11577A, two Forceps 11576TJ and 11576ZJ or 11583TJ and 11583ZJ as well as two Micro Burrs 11573MB and 11574MB, perforated, lid with silicone bridges, external dimensions (w x d x h): 373 x 178 x 35 mm

**Cleaning Brushes**

- 27651K2  **Cleaning Brush**, round, flexible, for irrigation channel diameter 0.6-0.8 mm, length 40 cm, for single use, package of 10
- 27651K3  **Cleaning Brush**, round, flexible, for irrigation channel diameter 0.8-1.4 mm, length 40 cm, for single use, package of 10
CALCULASE® III – The End of the Stone Age

35 W holmium laser for sialendoscopy

The new 35 Watt desktop laser CALCULASE® III from KARL STORZ offers the user an enhanced performance and optimal user comfort with a good price-performance ratio.*

- Performance of up to 35 Watts
- Enhanced energy spectrum from 0.2-4 Joules*
- Higher frequency from 4-30 Hertz*
- RFID fiber identification
- 10” touch screen

* in comparison with predecessor CALCULASE® II
35 W Holmium Laser

UL300-1  CALCULASE® III, holmium laser system, power supply 230 VAC, 50/60 Hz

The following accessories are included in delivery:
- Mains Cord
- One-Pedal Footswitch
- Key Set
- Remote Interlock Connector
- Safety Goggles Ho:YAG LASER, suitable for 2080 nm
- Ion Exchanger

Optional Accessories

27750095  Safety Goggles Ho:YAG LASER, suitable for 2080 nm
27750092  Warning Sign, German language, to designate laser areas
27750093  Warning Sign, English language, to designate laser areas
27750280  Fiber Stripper Set, sterilizable

Laser Fibers

<table>
<thead>
<tr>
<th></th>
<th>reusable</th>
<th>for single use</th>
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<tbody>
<tr>
<td><strong>CALCULASE® III Fiber,</strong></td>
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<tr>
<td>230 μm, length 300 cm,</td>
<td>UL007S5</td>
<td>UL004S5</td>
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<tr>
<td>package of 6, for use with CALCULASE® III</td>
<td></td>
<td></td>
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</tbody>
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<thead>
<tr>
<th></th>
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<th></th>
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</thead>
<tbody>
<tr>
<td><strong>CALCULASE® III Fiber,</strong></td>
<td></td>
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<tr>
<td>365 μm, length 300 cm,</td>
<td>UL008S5</td>
<td>UL005S5</td>
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<tr>
<td>package of 6, for use with CALCULASE® III</td>
<td></td>
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</tr>
</tbody>
</table>
The IMAGE1 S™ 4U camera system allows the operating surgeon to make optimal use of the benefits offered by 4K technology. A notable feature is the image quality: High image brightness, impressive colors, greater richness of detail and a significantly improved depth effect characterize this system. Thanks to the system’s modularity, 4U components can be easily integrated into the existing IMAGE1 S™ camera platform. Consequently, the system is still compatible with existing technologies (e.g., rigid, flexible, fluorescence and 3D endoscopy) and can be adapted to meet individual customer needs.

- **IMAGE1 S™ 4U impresses with outstanding, razor-sharp images**
  - Excellent image brightness
  - First-rate color rendition
  - Greater richness of detail

- Three innovative visualization technologies for tissue differentiation:
  - CLARA: Homogeneous illumination
  - CHROMA: Contrast enhancement
  - SPECTRA*: Spectral color shift and switch

- Easy integration into the IMAGE1 S™ camera platform

* not for sale in the U.S.
Treatment of Salivary Stones and Stenoses in the Salivary Duct

TC201EN* IMAGE1 S CONNECT® II, connect module, for use with up to 3 link modules, resolution 3840 x 2160 and 1920 x 1080 pixels, with integrated KARL STORZ-SCB or KS HIVE and digital Image Processing Module, power supply 100-240 VAC, 50/60 Hz

TC304 IMAGE1 S™ 4U-LINK, link module, for use with IMAGE1 S™ 4U camera heads, power supply 100-240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT® TC200 or IMAGE1 S CONNECT® II TC 201

TH121 IMAGE1 S™ 4U RUBINA, OPAL1® NIR/ICG, two-chip 4K UHD camera head, S-Technologies available, for NIR/ICG fluorescence imaging in combination with POWER LED RUBINA, OPAL1® NIR/ICG, progressive scan, low-temperature sterilization, focal length f = 19 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S CONNECT® II and IMAGE1 S™ 4U-LINK

TH120 IMAGE1 S™ 4U One-Chip 4K UHD Camera Head, S-Technologies available, progressive scan, soakable, EO sterilization, H₂O₂ (hydrogen peroxide), focal length f = 18 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ 4U-LINK

TM440 58" 4K Monitor, screen resolution 3840 x 2160, image format 16:9, power supply 100-240 VAC, 50/60 Hz, wall mount with VESA 400 x 400 and VESA 400 x 200 adaptors

TM 342** 31" 4K Monitor, screen resolution 3840 x 2160, image format 16:9, power supply 100-240 VAC, 50/60 Hz, wall mount with VESA 100 and VESA 200 adaptors

TM450 55" 4K/3D Monitor, screen resolution 3840 x 2160, image format 16:9, power supply 100-240 VAC, 50/60 Hz, 100-240 VAC, 50/60 Hz, wall mount with VESA 200 and VESA 300 adaptors

TM009 Signal Converter Set, 12G-SDI – 4x 3G-SDI, for use with 55" 4K/3D Monitor TM450

Suitable equipment cart for TM440 and TM450:

WA10007 OR1™ Cart for Monitor, Set, height-adjustable, for 42-64" monitor, VESA pattern min. 100/100, max. 400/400, monitor weight max. 60 kg, monitor holder height-adjustable on 1.8 m high column, four castors, floor area (in mm): 980 x 830, total height: 1.95 m

TM350 32" 4K 3D Monitor, screen resolution 3840 x 2160, image format 16:9, power supply 100-240 VAC, 50/60 Hz, wall mount with VESA 100 adaptor

TL400 Cold Light Fountain POWER LED RUBINA, for NIR/ICG fluorescence imaging and standard endoscopic diagnosis, with two LEDs and one KARL STORZ light cable connection, with integrated unit communication via KS HIVE, power supply 100-125/220-240 VAC, 50/60 Hz

TL300 Cold Light Fountain POWER LED 300 SCB, with integrated KARL STORZ-SCB, high-performance LED module and one KARL STORZ light outlet, power supply 100-240 VAC, 50/60 Hz

495NAC Fiber Optic Light Cable, with straight connector, extremely heat-resistant, with safety lock, enhanced light transmission, can be used for ICG applications, diameter 3.5 mm, length 230 cm

495NCSC Same, diameter 4.8 mm, length 250 cm

495TIP Same, diameter 4.8 mm, length 300 cm

* Also available in the following languages: DE, ES, FR, IT, PT, RU
** TM342 not available in USA, Japan & China
The IMAGE1 S™ camera platform offers surgeons a single system for all applications. As a modular camera platform, IMAGE1 S™ combines various technologies (e.g., rigid, flexible and 3D endoscopy) in one system and can therefore be adapted to individual customer needs. Furthermore, near infrared (NIR/ICG) for fluorescence imaging, the integration of operating microscopes and the use of VITOM® 3D is possible via the camera platform.

- Individual modules can be selected according to user requirements, e.g., for rigid, flexible and 3D technology
- Automatic light source control
- Natural color rendition
- Three innovative visualization technologies for easy tissue differentiation in 2D and 3D:
  - CLARA: Homogeneous illumination
  - CHROMA: Contrast enhancement
  - SPECTRA*: Color shift and exchange

* not for sale in the U.S.
Treatment of Salivary Stones and Stenoses in the Salivary Duct

TC201EN*  IMAGE1 S CONNECT® II, connect module, for use with up to 3 link modules, resolution 3840 x 2160 and 1920 x 1080 pixels, with integrated KARL STORZ-SCB or KS HIVE and digital Image Processing Module, power supply 100-240 VAC, 50/60 Hz

TC304  IMAGE1 S™ 4U-LINK, link module, for use with IMAGE1 S™ 4U camera heads, power supply 100-240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT® TC200 or IMAGE1 S CONNECT® II TC201

TC300  IMAGE1 S™ H3-LINK, link module, for use with IMAGE1 FULL HD three-chip camera heads, power supply 100-120 VAC/200-240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT® TC200 or IMAGE1 S CONNECT® II TC201

TH110  IMAGE1 S™ HX One-Chip FULL HD Camera Head, 50/60 Hz, fixed focus, progressive scan, soakable, EO sterilization, H₂O₂ (hydrogen peroxide), focal length f = 16 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ X-LINK

TH120  IMAGE1 S™ 4U One-Chip 4K-UHD Camera Head, S-Technologies available, progressive scan, soakable, EO sterilization, H₂O₂ (hydrogen peroxide), focal length f = 18 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ 4U-LINK

TH100  IMAGE1 S™ Three-Chip FULL HD Camera Head, 50/60 Hz, S-Technologies available, progressive scan, soakable, EO sterilizable, H₂O₂ (hydrogen peroxide), with integrated Parfocal Zoom Lens, focal length f = 15-31 mm (2x), 2 freely programmable camera head buttons, for use with IMAGE1 S™ H3-LINK TC300 and IMAGE 1 HUB HD/IMAGE1 HD

TM220  27” FULL HD Monitor, screen resolution 1920 x 1080, image format 16:9

TM342**  31” 4K Monitor, screen resolution 3840 x 2160, image format 16:9

TM350  32” 4K/3D Monitor, screen resolution 3840 x 2160, image format 16:9

TM440  58” 4K Monitor, screen resolution 3840 x 2160, image format 16:9

TM340  32” 4K Monitor, screen resolution 3840 x 2160, image format 16:9

TM450  55” 4K/3D Monitor, screen resolution 3840 x 2160, image format 16:9

TM009  Signal Converter Set 12G-SDI – 4x3G-SDI, for use with 55” 4K/3D Monitor TM450

TL300  Cold Light Fountain POWER LED 300 SCB, with integrated KARL STORZ-SCB, high-performance LED module and one KARL STORZ light outlet

495NT  Fiber Optic Light Cable, with straight connector, diameter 2.5 mm, length 180 cm

* Also available in the following languages: DE, ES, FR, IT, PT, RU
** TM 342 not available in USA, Japan & China
TELE PACK+
Compact endoscopy

Imaging diagnosis is performed not only in hospitals but also, for example, in doctors’ offices, day clinics or outpatient settings. Compact, flexible units with high image quality are in demand here. The new TELE PACK+ ALL-IN-ONE system from KARL STORZ meets these requirements. The system combines a monitor, LED light source, FULL HD camera control unit and documentation with integrated network function in a portable and compact unit.

- Image display in FULL HD quality
- 18.5” touch screen monitor with on-screen keyboard
- Integrated LED light source with stroboscopy function and automatic light source control
- Compatibility with rigid, flexible and single-use endoscopes from KARL STORZ
- Documentation with storage possibilities on USB memory devices and freely available internal memory of 50 GB
- Network functionality in combination with the software tool SCENARA®.CONNECT for the export and import of patient data in/out of HIS/PACS
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.