

# Guidebook Endoscopes 2014/2015

New horizons in Endoscopy





**FUJIFILM**  
Value from Innovation



► 600 Series endoscopes

| Model name | Observation range (mm) | Angle of view | ∅ Distal end (mm) | ∅ Insertion tube (mm) | ∅ Working channel (mm) | Bending capacity (up/down) | Bending capacity (left/right) | Working length (mm) | Size of image | Remarks |
|------------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|
|------------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|

Gastrosopes

|                 |                     |                          |                     |     |     |     |          |           |       |  |                                 |
|-----------------|---------------------|--------------------------|---------------------|-----|-----|-----|----------|-----------|-------|--|---------------------------------|
| G5<br>ENDOSCOPY | EG-600WR            | 2-100                    | 140°                | 9.2 | 9.3 | 2.8 | 210°/90° | 100°/100° | 1,100 |  130% | *2<br>Water jet                 |
|                 | EG-600ZW <b>NEW</b> | WD: 3-100<br>TL: 1.5-2.5 | WD: 140°<br>TL: 56° | 9.9 | 9.8 | 2.8 | 210°/90° | 100°/100° | 1,100 |  130% | *1 *2<br>Water jet<br>or DH14EN |

Colonoscopes

|                 |                         |                          |                     |      |      |     |           |           |                       |  |                                    |
|-----------------|-------------------------|--------------------------|---------------------|------|------|-----|-----------|-----------|-----------------------|--|------------------------------------|
| G5<br>ENDOSCOPY | EC-600WM/W/WL           | 2-100                    | 140°                | 12.0 | 12.0 | 3.8 | 180°/180° | 160°/160° | 1,330/1,520/<br>1,690 |  130% | *2<br>Water jet                    |
|                 | EC-600ZW M/L <b>NEW</b> | WD: 3-100<br>TL: 1.5-2.5 | WD: 140°<br>TL: 56° | 12.8 | 12.8 | 3.8 | 180°/180° | 160°/160° | 1,330/1,690           |  130% | *1 *2<br>Water jet<br>Hood DH-13CZ |








► 500 Series endoscopes

| Model name | Observation range (mm) | Angle of view | ∅ Distal end (mm) | ∅ Insertion tube (mm) | ∅ Working channel (mm) | Bending capacity (up/down) | Bending capacity (left/right) | Working length (mm) | Size of image | Remarks |
|------------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|
|------------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|

Ultra-slim gastrosopes

|                 |                      |       |      |     |     |     |           |           |       |  |    |
|-----------------|----------------------|-------|------|-----|-----|-----|-----------|-----------|-------|--|----|
| G5<br>ENDOSCOPY | EG-580NW2 <b>NEW</b> | 3-100 | 140° | 5.8 | 5.9 | 2.4 | 210°/90°  | 100°/100° | 1,100 |  130% | *2 |
|                 | EG-530NW             | 4-100 | 140° | 5.9 | 5.9 | 2.0 | 210°/90°  | 100°/100° | 1,100 |  130% |    |
|                 | EG-530NP             | 3-100 | 120° | 4.9 | 5.1 | 2.0 | 210°/120° | -/-       | 1,100 |  80%  |    |

Gastrosopes

|                 |                     |                      |                     |      |      |         |           |           |       |  |                           |
|-----------------|---------------------|----------------------|---------------------|------|------|---------|-----------|-----------|-------|--|---------------------------|
| G5<br>ENDOSCOPY | EG-530FP            | 3-100                | 140°                | 8.5  | 8.5  | 2.8     | 210°/90°  | 100°/100° | 1,100 |  130% |                           |
|                 | EG-530WR            | 4-100                | 140°                | 9.4  | 9.3  | 2.8     | 210°/90°  | 100°/100° | 1,100 |  130% |                           |
|                 | EG-530CT            | 3-100                | 140°                | 10.8 | 10.8 | 3.8     | 210°/90°  | 100°/100° | 1,100 |  130% | Water jet                 |
|                 | EG-530D             | 3-100                | 140°                | 11.5 | 11.5 | 2.8/3.8 | 210°/90°  | 100°/100° | 1,090 |  130% | Dual channel<br>Water jet |
|                 | EG-580RD <b>NEW</b> | 3-100                | 140°                | 9.8  | 9.8  | 3.2     | 210°/120° | 100°/100° | 1,100 |  130% | *2 Water jet              |
|                 | EG-590WR            | 6-100                | 140°                | 9.6  | 9.3  | 2.8     | 210°/90°  | 100°/100° | 1,100 |  130% |                           |
|                 | EG-590ZW            | WD: 6-100<br>TL: 2-3 | WD: 140°<br>TL: 55° | 10.8 | 9.8  | 2.8     | 210°/90°  | 100°/100° | 1,100 |  130% | *1<br>Hood DH-11GZ        |

Duodenoscopes

|                 |           |      |                    |      |      |     |          |          |       |  |                           |
|-----------------|-----------|------|--------------------|------|------|-----|----------|----------|-------|--|---------------------------|
| G5<br>ENDOSCOPY | D-530XT   | 4-60 | 100°<br>(retro 8°) | 13.1 | 11.5 | 4.2 | 130°/90° | 90°/110° | 1,250 |  130% |                           |
|                 | ED-530XT8 | 4-60 | 100°<br>(retro 8°) | 13.1 | 11.5 | 4.2 | 130°/90° | 90°/110° | 1,250 |  130% | Detachable hood<br>DC-06D |










\*1 Optical magnification x 135 (19" monitor).

\*2 Compatible with EPX-4450 HD.


## ► 500 Series endoscopes

| Model name | Observation range (mm) | Angle of view | ∅ Distal end (mm) | ∅ Insertion tube (mm) | ∅ Working channel (mm) | Bending capacity (up/down) | Bending capacity (left/right) | Working length (mm) | Size of image | Remarks |
|------------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|
|------------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|






### Colonoscopes

|                 |                      |                     |      |      |      |           |           |             |  |  |                           |
|-----------------|----------------------|---------------------|------|------|------|-----------|-----------|-------------|--|--|---------------------------|
| G5<br>ENDOSCOPY | EC-530FI/FL          | 3–100               | 140° | 12.8 | 12.8 | 3.8       | 180°/180° | 160°/160°   | 1,330/1,520/<br>1,690  |  110% | Water jet                 |
|                 | EC-530WM3/WI3/WL3    | 3–100               | 140° | 12.8 | 12.8 | 3.8       | 180°/180° | 160°/160°   | 1,330/1,520/<br>1,690  |  110% | Water jet                 |
|                 | EC-530MP             | 3–100               | 140° | 11.0 | 11.1 | 3.2       | 180°/180° | 160°/160°   | 1,330  |  110% |                           |
|                 | EC-530LP             | 3–100               | 140° | 11.0 | 11.1 | 3.2       | 180°/180° | 160°/160°   | 1,690  |  130% |                           |
|                 | EC-530DM/DL          | 3–100               | 140° | 12.8 | 12.8 | 3.8/2.8   | 180°/180° | 160°/160°   | 1,330/1,690  |  130% | Dual channel<br>Water jet |
|                 | ES-530WE             | 3–100               | 140° | 12.8 | 12.8 | 3.8       | 180°/180° | 160°/160°   | 790  |  130% | Water jet                 |
|                 | EC-580RD M/L         | 3–100               | 140° | 9.8  | 10.5 | 3.2       | 210°/160° | 160°/160°   | 1,330/1,690  |  130% | *2 Water jet              |
|                 | EC-590WM4/WI4/WL4    | 3–100               | 140° | 12.8 | 12.8 | 3.8       | 180°/180° | 160°/160°   | 1,330/1,520/<br>1,690  |  110% | Water jet                 |
| EC-590ZW3 M/L   | WD: 6–100<br>TL: 2–3 | WD: 140°<br>TL: 55° | 12.8 | 12.8 | 3.8  | 180°/180° | 160°/160° | 1,330/1,690 |  130% | *1 Water jet<br>Hood DH-13CZ   |                           |

### Enteroscopes

|                 |         |       |      |     |     |     |           |           |       |  |    |
|-----------------|---------|-------|------|-----|-----|-----|-----------|-----------|-------|--|----|
| G5<br>ENDOSCOPY | EN-580T | 2–100 | 140° | 9.4 | 9.3 | 3.2 | 180°/180° | 160°/160° | 2,000 |  130% | *3 |
|-----------------|---------|-------|------|-----|-----|-----|-----------|-----------|-------|--|----|


### Bronchoscopes

|                 |          |       |      |     |     |     |           |     |     |   |                     |
|-----------------|----------|-------|------|-----|-----|-----|-----------|-----|-----|---|---------------------|
| G5<br>ENDOSCOPY | EB-530H  | 3–100 | 140° | 5.4 | 4.9 | 2.0 | 180°/130° | –/– | 600 |  130%  | *4<br>HF-compatible |
|                 | EB-530S  | 3–100 | 120° | 4.9 | 4.9 | 2.0 | 180°/130° | –/– | 600 |  90%  | *4<br>HF-compatible |
|                 | EB-530T  | 3–100 | 120° | 5.8 | 5.9 | 2.8 | 180°/130° | –/– | 600 |  90% | *4<br>HF-compatible |
|                 | EB-530P  | 3–100 | 120° | 3.8 | 3.8 | 1.2 | 180°/130° | –/– | 600 |  90% | *4                  |
|                 | EB-530XT | 3–100 | 120° | 6.2 | 6.3 | 3.2 | 180°/130° | –/– | 600 |  90% | *4<br>HF-compatible |

## ► 400 Series endoscopes

| Model name | Observation range (mm) | Angle of view | ∅ Distal end (mm) | ∅ Insertion tube (mm) | ∅ Working channel (mm) | Bending capacity (up/down) | Bending capacity (left/right) | Working length (mm) | Size of image | Remarks |
|------------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|
|------------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|

### Colonoscopes

|                             |           |       |      |     |     |     |           |           |       |  |    |
|-----------------------------|-----------|-------|------|-----|-----|-----|-----------|-----------|-------|--|----|
| DOUBLE BALLOON<br>ENDOSCOPY | EC-450BI5 | 3–100 | 140° | 9.4 | 9.3 | 2.8 | 180°/180° | 160°/160° | 1,520 |  110% | *5 |
|-----------------------------|-----------|-------|------|-----|-----|-----|-----------|-----------|-------|--|----|

\*1 Optical magnification x 135 (19" monitor).

\*2 Compatible with EPX-4450 HD.

\*3 Balloon controller PB-20, balloon BS-2 and overtube TS-13140 are required.  
Compatible with EPX-4450 HD.



\*4 Suction button SB-602 is required.

\*5 Balloon controller PB-20, balloon BS-2 and overtube TS-13101 are required.

► Endoscopy systems

| Model | Product Description |
|-------|---------------------|
|-------|---------------------|

Video processors

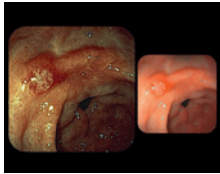
|   |  |  |
|---|--|--|
| <p>EPX-4450HD</p>  |  <ul style="list-style-type: none"> <li>▶ DICOM</li> <li>▶ 300 W xenon light</li> <li>▶ HD-SDI</li> <li>▶ FICE</li> </ul> | <p>Video processor and light source compatible with 400*1, 500 and 600 endoscope series</p> <ul style="list-style-type: none"> <li>▶ EPX-4450HD: VP-4450HD processor 9.5 kg, 390 mm (W) x 105 mm (H) x 460 mm (D)</li> <li>▶ XL-4450 light source 15 kg, 390 mm (W) x 155 mm (H) x 450 mm (D)</li> </ul> |
|---|--|--|

\*1 410 DSP1/485 and 490 can not be connected.

► EPX-4450HD features

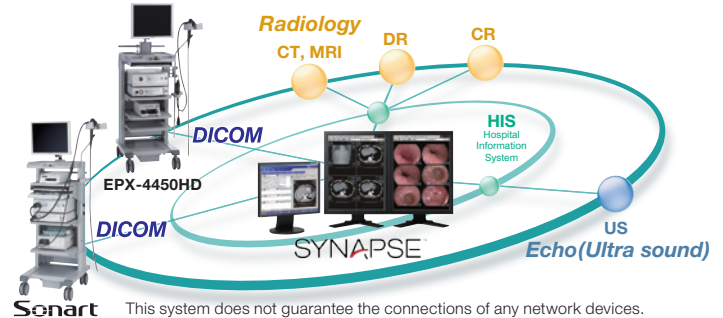


High-quality image by advanced Imaging technology  
The full digital processor EPX-4450HD can display details of lesion more clearly







Flexible Spectral Imaging Colour Enhancement  
FICE Dual Mode: Simultaneously display a FICE image and white light on the same monitor

DICOM Interface  
Perfect integration of the video processor EPX-4450HD into the hospital network



**Sonart** This system does not guarantee the connections of any network devices. The connection may be limited in some network environments.

|   |   |  |
|---|---|--|
| <p>EPX-3500HD</p>  |  <ul style="list-style-type: none"> <li>▶ Full HD</li> <li>▶ 300 W xenon light</li> <li>▶ USB port</li> <li>▶ 3 FICE settings</li> </ul> | <p>Video processor and light source compatible with 590 and 530 endoscope series</p> <ul style="list-style-type: none"> <li>▶ EPX-3500HD: VP-3500HD processor 8 kg, 390 mm (W) x 105 mm (H) x 460 mm (D)</li> <li>▶ XL-4450 light source: 15 kg, 390 mm (W) x 155 mm (H) x 450 mm (D)</li> </ul> |
|---|---|--|

|   |   |  |
|---|---|--|
| <p>EPX-2500</p>  |  | <p>Video processor with light source for 200 and 530 series endoscopes*2</p> <ul style="list-style-type: none"> <li>▶ 150 W xenon lamp</li> <li>▶ 17 kg, 375 mm (W) x 190 mm (H) x 495 mm (D)</li> </ul> |
|---|---|--|

\*2 Ultrasonic videoscopes EG-530UR/UR2 and UT/UT2 cannot be connected.

## ▶ EUS systems

| Model | Observation range (mm) | Angle of view | ∅ Distal end (mm) | ∅ Insertion tube (mm) | ∅ Working channel (mm) | Bending capacity (up/down) | Bending capacity (left/right) | Working length (mm) | Frequency (MHz) | Scanning method | Remarks |
|-------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|-----------------|-----------------|---------|
|-------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|-----------------|-----------------|---------|

### Ultrasonic videoscopes

|        |             |       |                       |      |      |     |           |           |       |                  |                        |         |
|--------|-------------|-------|-----------------------|------|------|-----|-----------|-----------|-------|------------------|------------------------|---------|
| Sonart | EG-530UR2*1 | 3–100 | 140°                  | 11.4 | 11.5 | 2.2 | 180°/90°  | 100°/100° | 1,250 | 5, 7.5<br>10, 12 | Electronic radial 360° | SU-8000 |
|        | EG-530UT2*2 | 3–100 | 140°<br>(oblique 40°) | 13.9 | 12.1 | 3.8 | 160°/160° | 120°/120° | 1,250 | 5, 7.5<br>10, 12 | Electronic convex 124° | SU-8000 |
|        | EB-530US*3  | 3–100 | 120°<br>(oblique 10°) | 6.7  | 6.3  | 2.0 | 130°/90°  | –/–       | 610   | 5, 7.5<br>10, 12 | Electronic convex 65°  | SU-8000 |

\*1 B20UR balloon is necessary.

\*2 B20UT balloon is necessary.

\*3 B20BU balloon is necessary.



| Type | Model name | Working length (mm) | ∅ Outer diameter (mm) | Frequency (MHz) | Suitable working channel | Scanning method | Remarks |
|------|------------|---------------------|-----------------------|-----------------|--------------------------|-----------------|---------|
|------|------------|---------------------|-----------------------|-----------------|--------------------------|-----------------|---------|

### Ultrasonic sonoprobes









|                   |        |       |     |      |                                     |                   |        |
|-------------------|--------|-------|-----|------|-------------------------------------|-------------------|--------|
| P-series ∅ 2.6 mm | P2625M | 2,200 | 2.6 | 25.0 | More than 2.8 mm                    | Mechanical radial | SP-702 |
|                   | P2620M | 2,200 | 2.6 | 20.0 | More than 2.8 mm                    | Mechanical radial | SP-702 |
|                   | P2615M | 2,200 | 2.6 | 15.0 | More than 2.8 mm                    | Mechanical radial | SP-702 |
|                   | P2612M | 2,200 | 2.6 | 12.0 | More than 2.8 mm                    | Mechanical radial | SP-702 |
|                   | P2620L | 2,700 | 2.6 | 20.0 | Suited for double balloon endoscopy | Mechanical radial | SP-702 |
|                   | P2615L | 2,700 | 2.6 | 15.0 | Suited for double balloon endoscopy | Mechanical radial | SP-702 |
|                   | P2612L | 2,700 | 2.6 | 12.0 | Suited for double balloon endoscopy | Mechanical radial | SP-702 |

| Model | Product Description |
|-------|---------------------|
|-------|---------------------|

### Ultrasonic processors

|         |  |
|---------|--|
| SU-8000 |  <ul style="list-style-type: none"> <li>▶ 12.5 kg, 375 mm (W) x 215 mm (H) x 445 mm (D), AC 230 V</li> <li>▶ CP-8000 keyboard</li> <li>▶ Probe type: convex radial</li> <li>▶ Ultrasound scanning mode: 5–12 MHz / Power Doppler / Colour Doppler / PW Doppler / M mode / B mode</li> </ul> |
| SP-702  |  <ul style="list-style-type: none"> <li>▶ 6.5 kg, 188 mm (W) x 102 mm (H) x 443 mm (D), AC 230 V</li> <li>▶ CP-702 control pad</li> <li>▶ Scanning method: mechanical radial</li> <li>▶ Ultrasound scanning mode: B mode</li> <li>▶ Centre frequencies: 7.5, 12, 15, 20, 25 MHz</li> </ul>  |

► Monitors

| Model  | Product Description  |
|--|--|
| <p>FUJIFILM CDL 1909A</p>                         |  <p>Photo: CDL 1909A</p> <p>19" LCD monitor</p> <ul style="list-style-type: none"> <li>▶ 7 kg, 432 mm (W) x 353 mm (H) x 84.5 mm (D)</li> <li>▶ Input signal: DVI-D, VGA, S-Video, Composite</li> <li>▶ Output signal: S-Video, Composite</li> </ul>  |
| <p>FUJIFILM CDL 1576A</p>                         | <p>15" LCD monitor</p> <ul style="list-style-type: none"> <li>▶ 3.8 kg, 346 mm (W) x 270 mm (H) x 66 mm (D)</li> <li>▶ Input signal: DVI-D, VGA, S-Video</li> <li>▶ Output signal: S-Video</li> </ul>  |
| <p>Radiance 26" G2 LED</p>                        | <p>26" HD LCD monitor with LED Backlight</p> <ul style="list-style-type: none"> <li>▶ High-Definition, Color Correction Technology (CCT), Full Multi-Modality</li> <li>▶ 7.3 kg, 673 mm (W) x 418 mm (H) x 88 mm (D)</li> <li>▶ Input signal: HD-SDI x 2, DVI-D, DVI-I, RGBS, YPbPr, S-Video, Composite, VGA</li> <li>▶ Output signal: HD-SDI, DVI, RGBS, YPbPr/VGA, S-Video, Composite</li> </ul>   |
| <p>Radiance 26" G2 HB LED</p> <p><b>NEW</b></p>  |  <p>Photo: Radiance 24"</p> <p>26" HD High Brightness LCD monitor</p> <ul style="list-style-type: none"> <li>▶ High-Definition, Color Correction Technology (CCT), Full Multi-Modality</li> <li>▶ 8.2 kg, 673 mm (W) x 418 mm (H) x 88 mm (D)</li> <li>▶ Input signal: HD-SDI x 2, DVI-D, DVI-I, RGBS, YPbPr, S-Video, Composite, VGA</li> <li>▶ Output signal: HD-SDI, DVI, RGBS, YPbPr/VGA, S-Video, Composite</li> </ul> |
| <p>Radiance 24" G2 LED</p>                      | <p>24" HD LCD monitor</p> <ul style="list-style-type: none"> <li>▶ High-Definition, Color Correction Technology (CCT), Full Multi-Modality</li> <li>▶ 7.1 kg, 597 mm (W) x 401 mm (H) x 100 mm (D)</li> <li>▶ Input signal: HD-SDI x 2, DVI-D, DVI-I, RGBS, YPbPr, S-Video, Composite, VGA</li> <li>▶ Output signal: HD-SDI, DVI, RGBS, YPbPr/VGA, S-Video, Composite</li> </ul>   |
| <p>Radiance 19" HD</p>                          | <p>Including FUJIFILM BIOS for the best performance.</p> <p>19" HD LCD monitor</p> <ul style="list-style-type: none"> <li>▶ High-Definition, Full Multi-Modality</li> <li>▶ 6.8 kg, 465 mm (W) x 400 mm (H) x 95 mm (D)</li> <li>▶ Input signal: HD-SDI x 2, DVI-D, DVI-I, RGBS, YPbPr, S-Video, composite, VGA</li> <li>▶ Output signal: HD-SDI, DVI, RGBS, YPbPr/VGA, S-Video, Composite</li> </ul>  |

► Carts

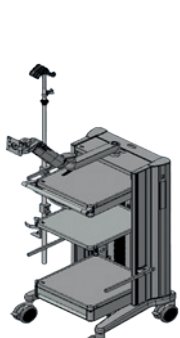
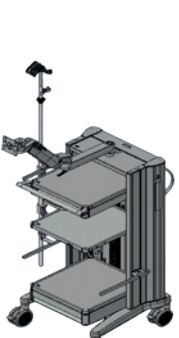

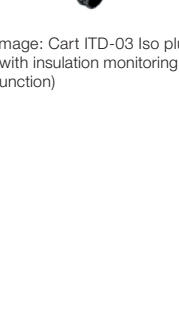

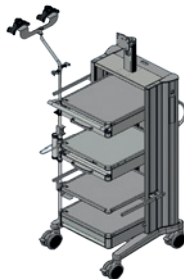

| Model   | Product Description   | Model  | Product Description  |
|---|---|--|--|
| ITD-03<br>       | <b>Compact cart with trafo</b> <ul style="list-style-type: none"> <li>▶ 76 kg, 618 mm (W) x 1,340 mm (H) x 624 mm (D), w/o monitor holder</li> <li>▶ 1x endoscope hanger, 3x shelves, 1x monitor holder</li> <li>▶ 1,200 VA, isolating transformer</li> </ul>                       | ITD-03 Iso<br>       | <b>Compact cart with insulation monitoring function</b> <ul style="list-style-type: none"> <li>▶ 76 kg, 618 mm (W) x 1,340 mm (H) x 624 mm (D), w/o monitor holder</li> <li>▶ 1x endoscope hanger, 3x shelves, 1x monitor holder</li> <li>▶ 2,000 VA, isolating transformer with insulation monitoring function</li> </ul> |
| ITD-03 plus<br> | <b>Compact cart with swivel arm</b> <ul style="list-style-type: none"> <li>▶ 76 kg, 618 mm (W) x 1,340 mm (H) x 624 mm (D), w/o monitor holder</li> <li>▶ 1x endoscope hanger, 3x shelves, 1x swivel arm incl. monitor holder</li> <li>▶ 1,200 VA, isolating transformer</li> </ul> | ITD-03 Iso plus<br> | <b>Compact cart with upgrade kit</b> <ul style="list-style-type: none"> <li>▶ 76 kg, 618 mm (W) x 1,340 mm (H) x 624 mm (D), w/o monitor holder</li> <li>▶ 1x endoscope hanger, 3x shelves, 1x swivel arm incl. monitor holder</li> <li>▶ 2,000 VA, isolating transformer with insulation monitoring function</li> </ul>   |

Image: Cart ITD-03 plus

Image: Cart ITD-03 Iso plus (with insulation monitoring function)

► Carts



| Model                    | Product Description   | Model   | Product Description   |
|--------------------------|---|---|---|
| ITD-03 GAS<br><b>NEW</b> |  <p>Image: Cart ITD-03 GAS</p>   | <b>Uni-cart CO<sub>2</sub> insufflator</b> <ul style="list-style-type: none"> <li>▶ 35 kg, 540 mm (W) x 857 mm (H) x 580 mm (D)</li> <li>▶ 1x shelf, 1x gas cylinder holder (max. 10 litres)</li> </ul>                                 | ITD-03 EUS Iso<br><br> <p>Image: Cart ITD-03 EUS Iso</p>  |
| ITD-03 Sono              |  <p>Image: Cart ITD-03 Sono</p> | <b>Uni-cart sonoprobe</b> <ul style="list-style-type: none"> <li>▶ 40 kg, 540 mm (W) x 1,305 mm (H) x 580 mm (D)</li> <li>▶ 3x shelves, 1x monitor holder</li> <li>▶ 1x jointed arm</li> <li>▶ 660 VA, isolating transformer</li> </ul> | ITD-03 EUS Iso plus<br><br><b>Compact cart EUS system with upgrade kit</b> <ul style="list-style-type: none"> <li>▶ 88 kg, 618 mm (W) x 1,500 mm (H) x 624 mm (D), w/o monitor holder</li> <li>▶ 2x endoscope hangers, 4x shelves, 1x swivel arm incl. monitor holder</li> <li>▶ 2,000 VA, isolating transformer with insulation monitoring function</li> </ul> |




## ► Fiberscopes

| Model | Observation range (mm) | Angle of view | Ø Distal end (mm) | Ø Insertion tube (mm) | Ø Working channel (mm) | Bending capacity (up/down) | Bending capacity (left/right) | Working length (mm) | Size of image | Remarks |
|-------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|
|-------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|



### Gastrosopes

|        |       |      |     |     |     |          |           |       |   |  |
|--------|-------|------|-----|-----|-----|----------|-----------|-------|---|--|
| FG-1Z  | 3–100 | 105° | 9.5 | 9.8 | 2.8 | 210°/90° | 100°/100° | 1,030 |  |  |
| FG-1ZP | 3–100 | 105° | 7.8 | 7.9 | 2.2 | 210°/90° | 100°/100° | 1,030 |  |  |

### Colonoscopes

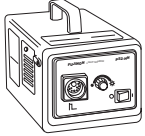

|       |       |      |      |      |     |           |           |       |   |  |
|-------|-------|------|------|------|-----|-----------|-----------|-------|---|--|
| FC-1Z | 3–100 | 120° | 13.0 | 13.0 | 3.2 | 180°/180° | 160°/160° | 1,660 |  |  |
|-------|-------|------|------|------|-----|-----------|-----------|-------|---|--|

### Bronchoscopes

|          |      |      |     |     |     |           |     |     |   |               |
|----------|------|------|-----|-----|-----|-----------|-----|-----|---|---------------|
| FB-120MP | 1–50 | 120° | 4.8 | 4.9 | 2.2 | 180°/130° | –/– | 600 |  | HF-compatible |
| FB-120S  | 1–50 | 120° | 4.8 | 4.9 | 2.2 | 180°/130° | –/– | 600 |  | HF-compatible |
| FB-120T  | 1–50 | 120° | 5.9 | 5.9 | 2.8 | 180°/130° | –/– | 600 |  | HF-compatible |
| FB-120P  | 1–50 | 100° | 2.7 | 2.8 | 1.2 | 180°/130° | –/– | 600 |  |               |

| Model | Product Description |
|-------|---------------------|
|-------|---------------------|

### Light sources

|        |   |  |
|--------|---|--|
| PS2-HN |   | <p>Light source exclusively for fiberscopes</p> <ul style="list-style-type: none"> <li>► 150 W halogen lamp</li> <li>► 7.9 kg</li> <li>► 195 mm (W) x 215 mm (H) x 350 mm (D)</li> </ul>             |
| PS2-HP |  | <p>Light source for all fiberscopes</p> <ul style="list-style-type: none"> <li>► Air pump</li> <li>► 150 W halogen lamp</li> <li>► 8.6 kg</li> <li>► 195 mm (W) x 215 mm (H) x 350 mm (D)</li> </ul> |




▶ Special endoscopes

| Model | Observation range (mm) | Angle of view | Ø Distal end (mm) | Ø Insertion tube (mm) | Ø Working channel (mm) | Bending capacity (up/down) | Bending capacity (left/right) | Working length (mm) | Size of image | Remarks |
|-------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|
|-------|------------------------|---------------|-------------------|-----------------------|------------------------|----------------------------|-------------------------------|---------------------|---------------|---------|

ENT/Naso-Pharyngo-Laryngoscopes

|       |         |      |     |     |     |   |           |     |     |   |  |
|-------|---------|------|-----|-----|-----|---|-----------|-----|-----|---|--|
| Fiber | FR-120F | 3–50 | 90° | 3.3 | 3.2 | – | 130°/130° | –/– | 300 |  |  |
|-------|---------|------|-----|-----|-----|---|-----------|-----|-----|---|--|


▶ Peripheral devices

| Model             | Product Description  |  |
|-------------------|--|--|
| PB-20             |   | <p>Balloon controller for DBE endoscopes</p> <ul style="list-style-type: none"> <li>▶ 10 kg, 350 mm (W) x 130 mm (H) x 420 mm (D), AC 230 V</li> <li>▶ Pressure of balloon: 5.6 kpa ± 2 kpa</li> <li>▶ Max. flow rate of pump: 170 ± 50 ml/10 sec.</li> </ul>                          |
| JW-2              |   | <p>Water jet pump</p> <ul style="list-style-type: none"> <li>▶ Foot switch</li> <li>▶ Flow rate control</li> <li>▶ 2.6 kg</li> <li>▶ 145 mm (W) x 130 mm (H) x 265 mm (D): main unit</li> </ul>  |
| GW-100 <b>NEW</b> |  | <p>CO<sub>2</sub> insufflator</p> <ul style="list-style-type: none"> <li>▶ Gas flow: Max. 65 kPa</li> <li>▶ Applicable to hospital CO<sub>2</sub> pipeline or CO<sub>2</sub> cylinder</li> <li>▶ 2 flow level setting</li> <li>▶ 145 mm (W) x 170 mm (H) x 390 mm (D), 6 kg</li> </ul> |

▶ ESD accessories

| Model | Identifier | Tip length (mm) | Working length (mm) | Suitable working channel | Remarks |
|-------|------------|-----------------|---------------------|--------------------------|---------|
|-------|------------|-----------------|---------------------|--------------------------|---------|

FlushKnife

|  |         |         |       |       |                     |                       |
|--|---------|---------|-------|-------|---------------------|-----------------------|
| FlushKnife<br> | DK2618J | - B15 - | 1.5   | 1,800 | 2.8                 | Ball tip              |
|  |         | - B20 - | 2.0   | 1,800 | 2.8                 | Ball tip              |
|  |         | - B25 - | 2.5   | 1,800 | 2.8                 | Ball tip              |
|  |         | - B30 - | 3.0   | 1,800 | 2.8                 | Ball tip              |
|  | DK2623J | - B15 - | 1.5   | 2,300 | 2.8                 | Ball tip, Long type   |
| - B20 -  |         | 2.0     | 2,300 | 2.8   | Ball tip, Long type |                       |
| FlushKnife<br> | DK2618J | - N10 - | 1.0   | 1,800 | 2.8                 | Needle tip            |
|  |         | - N15 - | 1.5   | 1,800 | 2.8                 | Needle tip            |
|  |         | - N20 - | 2.0   | 1,800 | 2.8                 | Needle tip            |
|  |         | - N25 - | 2.5   | 1,800 | 2.8                 | Needle tip            |
|  |         | - N30 - | 3.0   | 1,800 | 2.8                 | Needle tip            |
|  | DK2623J | - N15 - | 1.5   | 2,300 | 2.8                 | Needle tip, Long type |
|  |         | - N20 - | 2.0   | 2,300 | 2.8                 | Needle tip, Long type |

| Model | Identifier | Knife length (mm) | Working length (mm) | Suitable working channel | Remarks |
|-------|------------|-------------------|---------------------|--------------------------|---------|
|-------|------------|-------------------|---------------------|--------------------------|---------|

ClutchCutter

|   |               |        |     |       |     |  |
|---|---------------|--------|-----|-------|-----|--|
| ClutchCutter<br><br><b>NEW</b> | DP2618DT -35- | - 35 - | 3.5 | 1,800 | 2.8 |  |
|   | DP2618DT -50- | - 50 - | 5.0 | 1,800 | 2.8 |  |

| Model | Purpose | Outer diameter (mm) | Tip length (mm) | Applicable endoscope | Remarks |
|-------|---------|---------------------|-----------------|----------------------|---------|
|-------|---------|---------------------|-----------------|----------------------|---------|

#### Distal hood (disposable)

|         |                        |      |     |  |                    |
|---------|------------------------|------|-----|--|--------------------|
| DH-11GZ | Observation            | 13.2 | 2.5 | EG-590ZW   | Hood               |
| DH-13CZ | Observation            | 15.7 | 3.0 | EC-600WM/I/L, EC-600ZW M/L, EC-590WM4/I4/L4, EC-590ZW3 M/L, EC-530WM3/I3/L3  | Hood               |
| DH-14EN | Observation            | 10.8 | 1.5 | EG-600ZW, EN-450P5   | Hood               |
| DH-15GR | Treatment ESD and POEM | 12.2 | 8.3 | EG-600ZW, EG-600WR, EG-590WR, EG-580RD, EC-580RD M/L                         | ST Hood Upper GI   |
| DH-16CR | Treatment ESD and POEM | 16.0 | 8.3 | EC-600WM/I/L, EC-600ZW M/L, EC-590WM4/I4/L4, EC-590ZW3 M/L, EC-530WM3/I3/L3  | ST Hood Lower GI   |
| DH-17EN | Observation            | 11.5 | 1.5 | EN-580T, EC-450BI5   | Hood               |
| DH-28GR | Treatment ESD and POEM | 11.8 | 7.0 | EG-600ZW, EG-600WR, EG-590WR, EG-580RD, EC-580RD M/L                         | ST Hood Short Type |
| DH-29CR | Treatment ESD and POEM | 13.0 | 7.0 | EG-590ZW, EC-530MP, EC-530LP, EG-530CT, EG-530D                              | ST Hood Short Type |
| DH-30CR | Treatment ESD and POEM | 14.8 | 7.0 | EC-600 ZW M/L, EC-600WM/I/L, EC-590WM4/I4/L4, EC-590ZW3 M/L, EC-530WM3/I3/L3 | ST Hood Short Type |

  
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