More than a capsule. A comprehensive system for capsule endoscopy.
Trusted. Revolutionary. And decidedly OLYMPUS.
A comprehensive system for capsule endoscopy.

ENDOCAPSULE 10 SYSTEM reflects our vast experience in opto-digital technology for endoscopes. This small-intestine endoscope system produces extremely high-quality images for fast, efficient and precise examinations that you can trust — the ideal solution for medical institutions looking to expand diagnostic capabilities in this critical field.

OLYMPUS endoscopic imaging technology makes diagnosis easier than ever thanks to high-quality images along with excellent usability and efficiency, all of which are hallmarks of our continually evolving advancements in the field of endoscopy.

ENDOCAPSULE 10 SYSTEM. More than a capsule. A comprehensive system you can trust.

OLYMPUS' trusted opto-digital technology results in improved high-quality images and a wide angle of view for accurate observations and diagnosis.

Feature-rich and highly intuitive, OLYMPUS software is the advanced solution for fast, efficient analysis of small-intestine examinations.

Trust OLYMPUS to fully support you and your patients thanks to a new all-in-one recorder, more convenient antenna and functional reporting features.
As the undisputed leader in the field of endoscopy, OLYMPUS is renowned for exceptionally high-quality images. This translates into easier analysis for more reliable and consistent diagnosis than before. You’ll also appreciate the expanded angle of view, which makes it less likely to miss abnormalities. Another advancement made possible by renowned OLYMPUS optical technology is the expanded angle of view: 160° as opposed to 145° on the previous model. This wider coverage offers a significantly enhanced field of observation for refined examinations.

Battery life has been extended from eight hours to twelve hours to considerably increase the ratio of completed small-intestine observations. The long observation time maximizes the detection rate of lesions for more reliable diagnosis.

Eight user-selectable sharpness settings let you optimize image enhancement in order to observe tiny mucosal architecture clearly. You can also adjust color tone (red/blue) and brightness levels for more comfortable viewing in the color of your choice.
ENDOCAPSULE 10 SYSTEM software facilitates reading with a variety of unique functions to detect images requiring closer inspection, providing the means for quick review of results to ultimately speed diagnosis.

**Adjust mode**
Change playback speed depending on differences in images. In Adjust mode, images showing no change are superimposed on each other, and review speed is optimized to move quickly past images indicating no characteristic differences compared to preceding images. This mode vastly reduces playback time to increase reading effectiveness.

**Omni-selected mode**
Images that overlap with previous ones are skipped, and new images are selected even when only minute changes are present. This algorithm can recognize that an image is similar, even when the capsule is displaying the same section of small intestine from a different angle. This intelligent approach helps to speed diagnosis by analyzing a wider number of attributes than ever before.*

*Compared to ENDOCAPSULE 10 SYSTEM Express-selected mode

**3D Track function**
Track the capsule as it moves through the small intestine with the 3D Track function. A high-precision antenna recognizes the detailed signals from the capsule, allowing the system to display the capsule track in 3D. The track progress bar is useful for estimating capsule location in the small intestine. It also indicates on the 3D tracking screen where each thumbnail image was captured in order to assess the locations of abnormalities. The 3D Track function operates intuitively, showing capsule location to help you decide what approach should be taken for subsequent procedures.

**Overview function**
This function displays a library of characteristic images. The new Adjacent image display and Enlarging image functions provide a quick way for further observation without having to switch to Playback view mode. In addition, the new Red color overview function gives you a quick overview only of images showing an excessive amount of red.

**Bubble and debris image detection algorithm**
Bubbles and debris can sometimes adhere to the capsule and degrade image quality. ENDOCAPSULE 10 SYSTEM automatically detects poor-quality images and displays only those that can be accurately read. This algorithm also enhances the performance of Adjust mode, and the Overview function.

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**3D Track area**
3D area

**Track progress bar**
Track progress bar

**Overview function**
Overview function

**Bubble and debris image detection algorithm**
Bubble and debris image detection algorithm

---

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Preparation times are markedly reduced thanks to the slim, lightweight antenna unit, which is incorporated in the belt harness. The unit can be worn over light clothing, and offers more sensitive detection capability compared to the previous model while enhancing patient comfort.

Personalized instructions for each patient can be displayed by registering data. Instructions are delivered as text messages preceded by beep and vibration alerts. The messages direct patient activity, such as eating, drinking water and returning to the hospital. Making it easy for patients to follow correct procedures helps you conduct safer, more accurate examinations.

Confirm capsule location during the entire procedure from images displayed in real-time. Monitoring the capsule’s progress in real-time lets you uncover any anomalies, such as bleeding, and take immediate action if needed.

Smart recorder
The recorder combines a receiver and viewer in a compact and easy-to-handle unit, allowing you to playback and capture images any time during the procedure. The recorder is rechargeable, and comes with a charging cradle. Just place the unit in the cradle to recharge.

Belt-style antenna unit
Preparation times are markedly reduced thanks to the slim, lightweight antenna unit, which is incorporated in the belt harness. The unit can be worn over light clothing, and offers more sensitive detection capability compared to the previous model while enhancing patient comfort.

Patient guidance function
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Real-time view/Capture
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Playback/Capture
Check images of the small intestine as the capsule passes through it. Images of interest can be captured then downloaded to a workstation for further review.

Captured images screen
Up to 15 captured images can be displayed as thumbnails, making it easy to quickly find suspected anomalies and further speeding observation procedures.

Guidance example
0:00  Ingest capsule
0:30  “Please come back to procedure room.”
2:00  “You can drink water from now.”
4:00  “You can take a light meal from now.”
8:00  “Please come back to Hospital.”

Considering the needs of medical personnel and patients, ENDOCAPSULE 10 SYSTEM is designed for optimal clinical performance as well as outstanding ease-of-use and mobility. The all-in-one recorder and belt-style antenna simplify procedures, making for a smooth and relaxed examination environment.

Trusted Usability for Streamlined Workflows

Designed for medical staff and patients. Examinations have never been this comfortable.

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ENDOCAPSULE 10 SYSTEM includes several intuitive report templates to further streamline examinations, analysis, and diagnosis. Moreover, the system connects seamlessly to existing networks to facilitate sharing of patient information when a consensus diagnosis is desired.

Fast and intuitive reporting of findings is possible. You can view and annotate images without disrupting your workflow. Repetitively used words and phrases can be registered as user dictionary which reduce report-making time.

Data management made easy. Effortlessly share results and create reports.

Report template
Findings known from previous capsule examinations can be saved as report templates. If your report mentions common diagnosis, eliminate the need to re-type and apply a report template with just a few clicks.

Examination data management
Each phase of a procedure is displayed in an easy-to-read format to visualize at a glance the status of individual examination procedures.

System integration
The workstation of ENDOCAPSULE 10 SYSTEM integrates easily into existing hospital information systems for fast and easy data sharing. All examination data for patients — including results from ENDOCAPSULE — can be managed centrally, making collaboration inside the facility easier.

Note: Network performance may vary depending on the network environment.

Note: Access to ENDOCAPSULE Atlas varies depending on the security policy of your network.
## Specifications

### ENDOCAPSULE SMALL INTESTINAL CAPSULE ENDOSCOPE SET: MAJ-2027

![Image of ENDOCAPSULE SMALL INTESTINAL CAPSULE ENDOSCOPE SET](image)

**Components**
- ENDOCAPSULE SMALL INTESTINAL CAPSULE ENDOSCOPE: OLYMPUS EC-S10 5 pieces

### ENDOCAPSULE SMALL INTESTINAL CAPSULE ENDOSCOPE: OLYMPUS EC-S10

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optics</td>
<td>1 piece</td>
</tr>
<tr>
<td>Field of view</td>
<td>160 degrees</td>
</tr>
<tr>
<td>Depth of field</td>
<td>0-20 mm</td>
</tr>
<tr>
<td>Sampling Rate</td>
<td>2 fps</td>
</tr>
<tr>
<td>Battery Life</td>
<td>12 hours</td>
</tr>
<tr>
<td>Size</td>
<td>3.3 g</td>
</tr>
<tr>
<td>Dimensions</td>
<td>ø11 mm (diameter) x 26 mm (length)</td>
</tr>
</tbody>
</table>

*Note: EC-S10 is not sold as single product but as MAJ-2027*

### ENDOCAPSULE RECORDER SET: MAJ-2029

![Image of ENDOCAPSULE RECORDER SET](image)

**Components**
- ENDOCAPSULE RECORDER: OLYMPUS RE-10 1 piece
- BATTERY PACK: MAJ-2030 1 piece
- ANTENNA UNIT: MAJ-2031 1 piece
- CRADLE: MAJ-2032 1 piece
- RECORDER HOLDER: MAJ-2033 1 piece
- ANTENNA UNIT HOLDER: MAJ-2034 1 piece
- CAPSULE ACTIVATOR: MAJ-1478 2 pieces

### ENDOCAPSULE RECORDER: OLYMPUS RE-10

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery Life</td>
<td>Typ. 12 hours</td>
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<tr>
<td>Size</td>
<td>320 g</td>
</tr>
<tr>
<td>Dimensions</td>
<td>87 mm (W) x 154 mm (H) x 33 mm (D)</td>
</tr>
<tr>
<td>LCD display size</td>
<td>3.5 inch</td>
</tr>
</tbody>
</table>

### BATTERY PACK: MAJ-2030

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>Type</td>
<td>Lithium-ion storage cell</td>
</tr>
<tr>
<td>Capacity</td>
<td>2860 mAh</td>
</tr>
<tr>
<td>Voltage</td>
<td>3.7 V</td>
</tr>
<tr>
<td>Recharging Time</td>
<td>Approx. 2 hours</td>
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<tr>
<td>Size</td>
<td>70 g</td>
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<tr>
<td>Dimensions</td>
<td>70 mm(W) x 10 mm(H) x 55 mm(D) (without projection parts)</td>
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</table>

### ANTENNA UNIT: MAJ-2031

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>Size</td>
<td>150 g</td>
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<tr>
<td>Dimensions</td>
<td>87 mm(W) x 5 mm(H) x 15 mm(D) (without projection parts)</td>
</tr>
</tbody>
</table>

### CRADLE: MAJ-2032

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>DC 6 V / 2 A</td>
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<tr>
<td>Size</td>
<td>Main body: 315 g</td>
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<tr>
<td>Dimensions</td>
<td>142 mm (W) x 79 mm (H) x 88 mm (D)</td>
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</tbody>
</table>

### RECORDER HOLDER: MAJ-2033

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>110 g (incl. strap)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Pouch: 100 mm (W) x 175 mm (H) x 45 mm (D)</td>
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</tbody>
</table>

### ANTENNA UNIT HOLDER: MAJ-2034

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>Size</td>
<td>260 g</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Pouch: 340 mm (W) x 160 mm (H) x 15 mm (D)</td>
</tr>
<tr>
<td></td>
<td>Long belt: 50 mm (W) x 1000 mm (L)</td>
</tr>
<tr>
<td></td>
<td>Short belt: 50 mm (W) x 700 mm (L)</td>
</tr>
<tr>
<td></td>
<td>Plate: 290 mm (W) x 149 mm (D)</td>
</tr>
<tr>
<td></td>
<td>Cable band: 38 mm (W) x 200 mm (L)</td>
</tr>
</tbody>
</table>

### ENDOCAPSULE SOFTWARE 10: MAJ-2188

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td>ENDOCAPSULE SOFTWARE 10 (DVD-R) 1 piece</td>
</tr>
</tbody>
</table>

### ENDOCAPSULE SOFTWARE 10 LIGHT: MAJ-2189

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td>ENDOCAPSULE SOFTWARE 10 LIGHT (DVD-R) 1 piece</td>
</tr>
</tbody>
</table>

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.