Compact size processor with integrated light source. Realizing simple operability and high-quality images.

The EPX-2500 system is a compact processor with integrated light source, which realizes an ideal examination environment with its simple operability. The DVI on board enables high-quality digital images to be output, providing physicians with easier image viewability. This system is also compatible with various line-ups of FUJINON endoscopes.
Functions of Parts

Pump button
Air supply pressure at 3 levels, "Hi", "Low", and "Off".

Air supply indicator
Shows "Hi" and "Low" of air supply. Lights are off when pump is off.

Endoscope socket
To connect the LG connector of the endoscope.

200, 250, 270 series EVE connector socket
To connect the video connector of 200, 250 and 270 series.

530 series EVE connector socket
To connect the video connector of the 530 series. (Except EG-530UT/UR)

375mm (W)

495mm (D)

Data ON/OFF button
Turns the patient data or the date on the screen ON/OFF.

Brightness adjustment buttons
Increase or decrease the level of brightness.

Emergency lamp alarm
Flashes when the main lamp does not light up.

Lamp button
The main lamp turns on and off by pressing this button.

Multi switching button
Various functions (BLV, Iris, EM, Reset, Information and Light Limit) can be allocated to this button.

Multi Switching Button
Frequently used functions including BLV function, Iris mode, electronic image zoom, information of the connecting scope, and light limit can be allocated to the multi switch button. This button allows you to select the function you need swiftly, leading to increased efficiency in an examination.

Picture in Picture Function
The Picture in Picture function displays a real-time video image automatically in a small screen while freezing the image in the observation screen, which reassures the examination.

DVI on-board
DVI enables digital output of a high-quality image with 1024 x 768 pixel resolution, providing a clear endoscopic image.

Blood Vessel Enhancement Function
This function detects the subtle color changes in mucosa and vessels.

Noise Reduction
This function reduces the noise in an image, improving the sharpness of the image.

Compatible with a wide variety of scopes
Sockets for the 530 series and 200 series scopes are equipped. The compatibility with various endoscopes allows for the use of the best suitable scope for the clinical setting.
Fits right. Moves agilely.
Light-weight grip for high operability.

The newly developed grip fits gently into your hand, allowing full use of this high-performance endoscope. Materials, processing, and choice of parts have all been reviewed to reduce the grip weight for greater maneuverability. The design is improved also to allow easier cleaning and disinfection. G-5 GRIP and 500 SERIES SCOPE in combination offer you added amenity in routine diagnosis.

500 SERIES SCOPE

G-5 ENDOSCOPY

Designed Lighter & Slimmer

20% less in weight and 10mm slimmer than that of our conventional product. The angle operation knob is remodeled to accommodate the fingers more firmly with better fit.
Improved Operability
New positioning of the functional switches, Air/Water and Suction buttons minimizes finger travel and improves efficiency.

Water Jet Function
Main endoscopes for the lower gastrointestinal tract have a water jet nozzle in addition to the forceps channel. The water jet nozzle effectively removes mucus on the surface being examined.

Improved Cleaning and Disinfection
Cleanliness and safety focused on full defense against disinfection. Easily soiled Air/Water button is removable and autoclavable. A smoother, flatter surface assures all areas receive optimal contact with cleaning and high-performance disinfecting solutions.

Light-weight Connector
The connectors incorporated in the 500 SERIES SCOPE are slim, lightweight, and easy to handle. Procedures are now considerably less bothersome when the endoscope has to be removed/attached for cleaning and disinfection on every occasion of endoscopy.

Flexible Portion
In upper and lower gastrointestinal endoscopy, the great flexibility of the endoscope allows easy insertability and the comfort of the examinee to coexist, meeting on-the-scene needs.
For the Upper G.I. Tract - Slim Type

**EG-530FP**

EG-530FP is a slim endoscope for the upper G.I. tract having a forceps channel of 2.8mm diameter and a distal end of 8.5mm.

Observation capability has been increased with a wide field of view of 140°.

<table>
<thead>
<tr>
<th>Viewing direction</th>
<th>Field of view</th>
<th>Observation range</th>
<th>Distal end diameter</th>
<th>Flexible portion diameter</th>
<th>Bending capability</th>
<th>Working length</th>
<th>Total length</th>
<th>Forceps channel diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>0° (Forward)</td>
<td>140°</td>
<td>3 - 100mm</td>
<td>8.5mm</td>
<td>8.5mm</td>
<td>UP 210° / DOWN 90°</td>
<td>1,100mm</td>
<td>1,400mm</td>
<td>2.8mm</td>
</tr>
</tbody>
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530 SERIES  
LOWER GASTROINTESTINAL ENDOSCOPES

For the Lower G.I. Tract - Standard Type

**EC-530FM/EC-530FI/EC-530FL**

These super wide-angle standard colonoscopes offer a large 3.8mm working channel inside a slim 12.8mm outside diameter. An ultra-wide 140 degree field of view enhances image quality from the center to the edge. These colonoscopes also offer a wider observation range from 3-100mm. In addition, an integrated forward water jet allows for lavage in clinical situations.

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<td>140°</td>
<td>3 - 100mm</td>
<td>12.8mm</td>
<td>12.8mm</td>
<td>UP 180° / DOWN 180°</td>
<td>1,330mm</td>
<td>1,520mm</td>
<td>3.8mm</td>
</tr>
</tbody>
</table>