Features of the Olympus 140 CV Video Processor

- **Automatic gain control (AGC)** The image can be electrically amplified when the light is inadequate due to the distal end of the videoscope being too far from the subject.

- **Iris mode selection** The area over which light is measured can be changed according to the body part that is being observed. The following selections can be performed using the “IRIS” switch on the front panel. AVE: during normal observation; Peak: When focusing on and/or observing a small bright area.

- **Freeze screen display** A stationary image can be displayed using the endoscope switch, keyboard or OVC switch.

- **Video signal output** VBS composite, Y/C, RGB; simultaneous output is possible.

The average the Olympus 140 CV System has:

- Olympus CV-140 Processor
- Pigtail
- CLV-U20 Xenon Light Source
- 140 Series Video-Colonoscope
- 140 Series Video-Gastroscope
- High Resolution Monitor
- Endoscopy Cart.
**Olympus 140 Endoscopy System**

### Specifications of the 140 Video Processor

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>450 (W) x 72 (H) x 465 (D) mm</td>
</tr>
<tr>
<td>Weight</td>
<td>10 kg</td>
</tr>
<tr>
<td>Memorization of selected setting</td>
<td>The following settings on the front panel are retained even when the power is turned OFF: Color, Enhancement, White balance</td>
</tr>
<tr>
<td>Remote control</td>
<td>The following ancillary equipment can be controlled by the endoscope remote switch, the front panel and the keyboard (only the specified device types are valid): Monitor, Photography equipment, VTR, Video printer equipment, SVR (still video recorder)</td>
</tr>
</tbody>
</table>
| Patient data                         | The following data and modes can be displayed on the video monitor using the keyboard:  
1. ID number  
2. Patient name  
3. Sex, age  
4. Date of birth  
5. Date/time (built-in clock, stopwatch)  
6. Comments  
7. Number of Exposed Frames |
| Pre-procedural patient data          | For a maximum of 40 patients:  
1. ID number  
2. Patient name  
3. Sex, age  
4. Date of birth |
| Image Source switch                  | By use of the “SELECT” switch on the front panel, it is possible to select for viewing on the monitor, and image from the endoscope or video printer |
| Subscreen                            | Real-time image visible on an inset screen during use of the freeze mode. |
| Screen Central Mode                  | When an Evis-100 or 130 endoscope or a OVC-100 is used, the endoscopic image can be displayed in the center of the monitor screen using the “SHIFT SCREEN” key on the keyboard. |

Note: The technical data given in this publication is for general information and are subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.