Flexible endoscopes from Richard Wolf

Quick guide
for machine reprocessing

1. Preparation / Leakage test
   - Wipe the outer surfaces with a moist lint-free disposable cloth.
   - Blow out the channels with a 20 ml syringe filled with tap water (repeat 4 times).
   - Connect the tube with the test lock valve to the pressure gauge.
   - Contact points must be dry.
   - Close the knurled screw and inflate the flex endoscope until the initial pressure drop is in the green area (100 – 200 mmHg).
   - Open the knurled screw to release the pressure.

2. Manual cleaning
   - Disassemble before cleaning. Possibly, close the plug protection.
   - Immerse the flexible endoscope in the washer-disinfector unit.
   - Endoscope and then in turn to the irrigation adapter to the flex.
   - Possibly, close the plug protection.
   - Disassembly before cleaning.
   - Connect the flexible endoscope to an automatic leakage tester.
   - Connect the tube with the twist-lock connector to the luer lock valve to the pressure gauge.
   - Connect the irrigation tubes from the washer-disinfector unit.
   - Full pressure to an automatic leakage tester.
   - Connect the flexible endoscope to Richard Wolf for repair.

3. Disposable cleaning brushes
   - Use disposable cleaning brushes to brush the channels of the flexible endoscope under cold tap water from a faucet.
   - Use disposable cleaning brushes to brush the channels of the flexible endoscope under cold tap water from a faucet.
   - Insert the shaft end of the brush first.

4. Machine disinfection / drying
   - Connect the flexible endoscope to Richard Wolf for repair.
   - Use disposable cleaning brushes to brush the channels of the flexible endoscope under cold tap water from a faucet.
   - Immerse the flexible endoscope and then the spare parts in a basin filled with a certified cleaning solution.
   - Rinse out the channels with a 20 ml syringe filled with tap water (repeat 4 times).
   - Immerse the flexible endoscope in the washer-disinfector unit.
   - Dry manually with a lint-free cloth.

5. Sterilisation
   - For sterilization with H₂O₂ or EO use the pressure equalization valve.
   - All connectors must be dry.

6. Storage
   - Return the flexible endoscope to Richard Wolf for repair.
   - Sterilization according to the instructions for use.
   - No sterile packaging required by use of disposable filters and the principle of Pasteur’s loop between lid and base.

Machine cleaning
- Use:  Water jet cleaning gun, adapters, REF 6199.00
- Leakage tester for flexible endoscope, REF 163.904
- Pressure equalization valve, REF 163.904
- Disposable filter for sterilization in Sterisafe® DURO A3 for H₂O₂ (PU = 100 pcs), REF 38203401
- Disposable filter for sterilization in Sterisafe® DURO A3 for LTSF and EO (PU = 100 pcs), REF 38203501
- Sterisafe® safety seal (PU = 100 pcs), REF 382031202

Recommended cleaning brushes

<table>
<thead>
<tr>
<th>Type</th>
<th>Diameter in mm</th>
<th>Color</th>
<th>Brush length in mm</th>
<th>Total length in mm</th>
<th>Use in working channels &amp; laser channels</th>
<th>Use in flexible endoscopes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposable cleaning brush (PU = 10 pcs)</td>
<td>2</td>
<td>Yellow</td>
<td>15</td>
<td>1,200</td>
<td>ø 1.0 – 1.5 mm</td>
<td>7225.xxx</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Green</td>
<td>20</td>
<td>1,200</td>
<td>ø 2.0 - 2.5 mm</td>
<td>7256.011</td>
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<tr>
<td></td>
<td>0.85</td>
<td>Blue</td>
<td>10</td>
<td>1,200</td>
<td>ø 0.8 mm</td>
<td>7356.xxx</td>
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<tr>
<td>Disposable cleaning brush (PU = 10 pcs)</td>
<td>4</td>
<td>White</td>
<td>20</td>
<td>1,800</td>
<td>ø 2.6 - 3.5 mm</td>
<td>7235.xxx</td>
</tr>
<tr>
<td>Reusable cleaning brush, angled, for surface cleaning</td>
<td>-</td>
<td>Black, black bristles</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reusable cleaning brush, straight, for surface cleaning (PU = 10 pcs)</td>
<td>-</td>
<td>Black, white bristles</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>