SINGLE USE ASPIRATION NEEDLE

**EZ Shot**

Single-use, easy-to-use needle with excellent puncture capability

For use with any Olympus ultrasound endoscope designed for EUS-guided fine needle aspiration (FNA), the pre-sterilized, pre-assembled and ready-to-use EZ Shot offers good needle tip visibility and adjustable needle projection, from 0 to 80 mm. Simple to attach and easy to use, the EZ Shot provides everything you need for effective FNA in one package.

**Ultrasound Cable**

**MAJ-1597**

The ultrasound cable for the GF-UCT180 is optionally available and is not provided with the scope. The cable’s detachable design makes the ultrasound endoscope easy to handle, reprocess and store, as well as ensuring excellent platform compatibility.

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**Specifications**

<table>
<thead>
<tr>
<th><strong>Endoscopic Functions</strong></th>
<th><strong>Optical System</strong></th>
<th><strong>Insertion Tube</strong></th>
<th><strong>Instrument Channel</strong></th>
<th><strong>Bending Section</strong></th>
<th><strong>Total Length</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Field of view</td>
<td>170°</td>
<td>3.5 mm</td>
<td>6.1 mm</td>
<td>14.6 mm</td>
<td>1250 mm</td>
</tr>
<tr>
<td>Direction of view</td>
<td>Forward oblique viewing 55°</td>
<td>5.4 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance from which endotherapy accessories enter and exit the endoscopic image</td>
<td>6 mm</td>
<td></td>
<td>3.7 mm</td>
<td>12° 90°</td>
<td>90°</td>
</tr>
</tbody>
</table>

**Ultrasound Functions**

- **Cable**: MAJ-1597
- **Cable Length**: 1500 mm
- **Operation Mode**: B-mode, A-mode, C-mode, Power Flow mode, Flow mode
- **Frequency**: 5, 6, 7.5, 10 MHz
- **Scanning Method**: Electronic curved linear array
- **Scanning Direction**: Parallel to the insertion direction
- **Scanning Range**: 0 to 80 mm
- **Insertion Method**: Balloon method, Direct Contact method

**Ultrasound Transducer**

- **UP 130°**
- **DOWN 90°**
- **RIGHT 90°**
- **LEFT 90°**
Improved B-mode imaging capability, redesigned forceps elevator, Contrast Harmonic Echo capability*, and detachable ultrasound cable

Featuring a newly developed curved linear array transducer that delivers higher-quality ultrasound images with greater imaging depth in B-mode, the GF-UCT180 offers you the power and flexibility you need for everything from straightforward tissue sampling to sophisticated EUS-guided treatment. A redesigned forceps elevator gives you more reliable control over devices passed through the 3.7 mm diameter instrument channel, while the slim 12.6 mm diameter insertion tube ensures smooth insertion. Advanced capabilities include support for the Contrast Harmonic Echo*, which can be helpful in assessing suspicious pancreatic masses or lymph nodes through visualization of microvascular structure. Other features include a high-resolution CDD for sharp video images, Narrow Band Imaging™ (NBI) capability and a detachable ultrasound cable that facilitates easier handling, reprocessing and storage, as well as ensuring system compatibility.

The GF-UCT180 offers outstanding platform flexibility using a single detachable cable that lets you connect the ultrasound endoscope to a choice of Olympus and ALOKA ultrasound centers

With enhanced spatial and contrast resolution, improved near and far field image uniformity, and new ePureHD technology, ALOKA’s standard-setting ProSound™ delivers unparalleled sensitivity and resolution for both Tissue Harmonic Echo and Contrast Harmonic Echo. Breakthrough performance is backed up by superior connectivity and a comprehensive suite of data analysis tools, all integrated in an ergonomically designed, easily upgradeable platform.

GF-UCT180 supports a variety of procedures from imaging EUS to interventional EUS

- Detachable ultrasound cable
  A detachable ultrasound cable design makes the GF-UCT180 easier to handle, reprocess and store and provides it with the flexibility to connect to different ultrasound platforms.
- Redesigned forceps elevator
  The GF-UCT180 features a redesigned forceps elevator that gives you more reliable control over devices passed through the 3.7 mm diameter instrument channel.
- Ideal for EUS-guided FNA
  Combining the GF-UCT180’s slim 12.6 mm diameter insertion tube, ensuring smooth insertion, with the EZ Shot aspiration needle (NA-200H-8022) and connecting it to either platform shown above creates a system ideal for EUS-guided FNA.