

OLYMPUS®

EUS
ENDOSCOPIC ULTRASOUND SYSTEM

ULTRASONIC GASTROVIDEOSCOPE
OLYMPUS **GF** TYPE **UC140P-AL5**
OLYMPUS **GF** TYPE **UCT140-AL5**



- **Clear Endoscopic Video Images**
- **Sharp Convex Scanning Ultrasound Images**
- **Powerful EUS Interventional Capability**

ALOKA DIAGNOSTIC ULTRASOUND SYSTEM
ProSound SSD-5500 PureHD
SSD-5000 PureHD



Olympus Introduces a New Endoscopic Ultrasound System That Allows You to Take Full Advantage of EUS-Guided FNA — an Established Technique for Tissue Diagnosis in and around the Digestive Tract

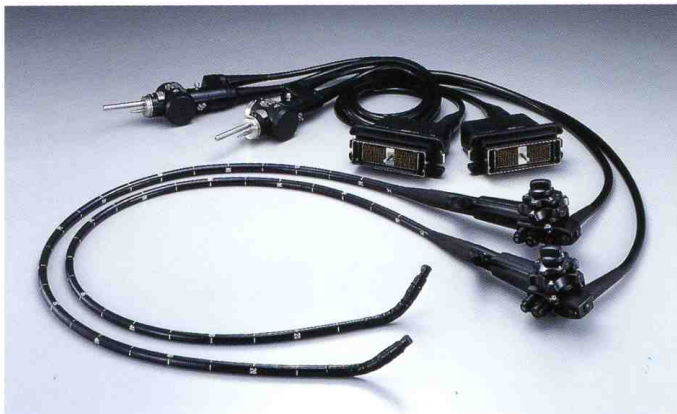


OLYMPUS **GF** TYPE **UC140P-AL5**
A Superior Scope Boasting Unprecedented Insertability and High-Quality Imaging

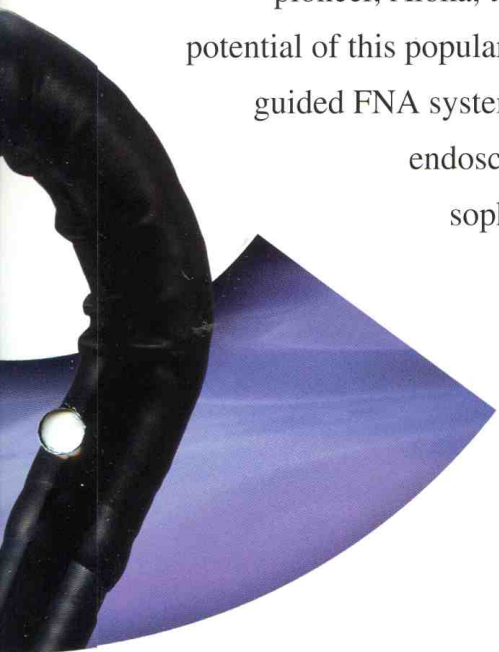
OLYMPUS **GF** TYPE **UCT140-AL5**
Powerful FNA Capability with Large 3.7 mm Diameter Channel

Features

- Incorporating the EVIS 140 series CCD and a broad band Convex Array transducer, high resolution ultrasound images and crystal clear, true-to-life video endoscopic images can be observed.
- Electronic Convex scanning facilitates the use of advanced imaging techniques such as Color Doppler and Power Doppler, making it easier to interpret blood flow conditions and offering added performance with electronically adjustable focusing and multi-frequency imaging capability.
- The tight radius of the convex array transducer has allowed a significant improvement in insertion capability.
- Wide 180° scanning angle ensures comprehensive imaging of all structures surrounding the region of interest.
- OLYMPUS' originally patented forceps elevator design allows fine-tuning of needle placement once the scope position is fixed, assuring more accurate puncture of the target.
- Matching of slim 11.8mm insertion tube diameter and standard 2.8mm channel diameter of the GF-UC140P-AL5 offers greater ease of use.
- The exceptionally large 3.7mm diameter channel in the GF-UCT140-AL5 enables more advanced FNA techniques to be performed using a 22G or larger aspiration needle. Further it will be suitable for pancreatic cyst drainage and other therapeutic procedures when combined with fluoroscopic imaging.



Endoscopic ultrasonography guided fine-needle aspiration is fast becoming one of today's most effective diagnostic techniques. Now Olympus, the world's leading manufacturer of endoscopic products, has joined forces with an ultrasound pioneer, Aloka, to develop a system that maximizes the potential of this popular new technique. The result is an EUS-guided FNA system that combines Olympus's unrivalled endoscopic video image quality with Aloka's sophisticated ultrasound imaging. With its advanced performance and comprehensive, state-of-the-art capabilities, this new system provides the support you need to explore the vast potential of EUS-guided FNA.



ALOKA Diagnostic Ultrasound System ProSound SSD-5500 PureHD SSD-5000 PureHD

Accurate, Comprehensive Ultrasound Imaging with a Versatile Range of Features

ALOKA's high performance ProSound SSD-5500 PureHD (Pure Harmonic Detection) / SSD-5000 PureHD platforms have established a new level of image quality and flexibility using a variety of state-of-the-art technologies, based on 12 bit digital signal conversion. Utilizing these, the ProSound concept offers outstanding capability by combining superior spatial and contrast resolution with high frame rates to give the user an unprecedented view of internal structures. In partnership with the OLYMPUS GF-UC140P-AL5 and GF-UCT140-AL5, the ProSound SSD-5500 PureHD/SSD-5000 PureHD scanners bring to EUS the perfect combination to satisfy the growing need for advanced image-guided FNA (Fine Needle Aspiration) and therapeutic capability in the GI field.

Features

- **Digital Pure Beam Imaging – premium image generation technology**
- **High Performance Color Flow/ Power Flow**
- **Quad Frequency Imaging (4 step Multi-frequency Imaging)**
- **Dual Dynamic Display (DDD)**
- **User-Friendly Ergonomic Design**
- **DMS (Data Management Subsystem)**



