

OLYMPUS®

FIBERSCOPE FOR
GASTROENTEROLOGY

We begin with ambitious research and development. We expand the limits of high precision technology. We deliver unsurpassed optical performance and unflagging reliability. We promise today's medical practitioners the greatest efficiency, safety and ease of use. We are Olympus, and we are changing the face of modern medicine.

Duodenofiberscope **OLYMPUS JF TYPE E**

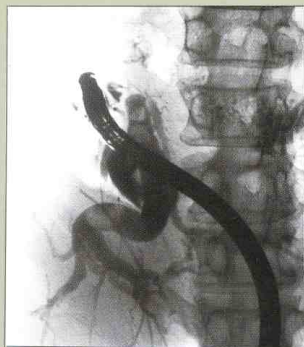
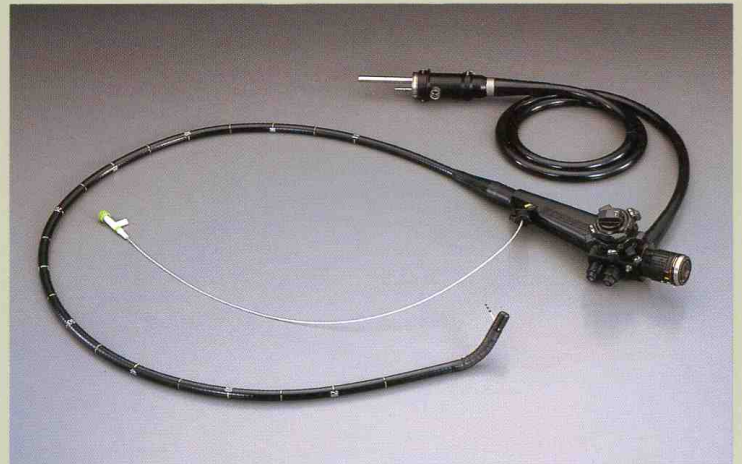
The Best Quality and Performance for Routine Diagnosis and Treatment



*High-Resolution, Wide-Angulation Optics in a 2.8mm Broad-Channeled,
Versatile & Highly Effective Therapeutic Duodenoscope.*



The 80° field of view with 15° retro-viewing and very wide angulation of the high-resolution, large-image optical system in the JF-E provide clear, bright images of unsurpassed clarity. A slim 11mm insertion tube housing a broad 2.8mm instrument channel combines easy insertion with efficient removal of bile and management of contrast medium as well as permitting use of the full range of standard accessories. Designed to be streamlined and watertight, the JF-E exhibits total cleanability. The instrument channel and all external surfaces can be cleaned easily and effectively between cases, inclusive of total immersion in disinfectant solutions where necessary, thereby maximizing patient and operator safety and minimizing the risk of cross-contamination. A high performer in all areas of duodenoscopy, the extremely durable JF-E is a reliable, hard-working, therapeutic duodenofiberscope that is both versatile and cost-effective.

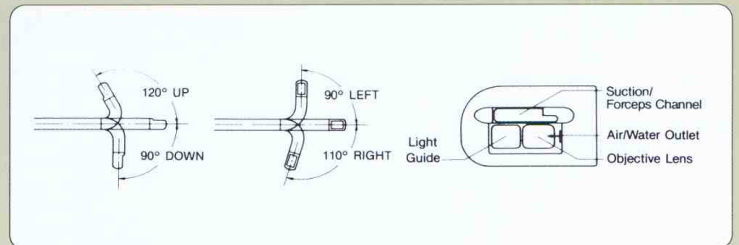


Specifications

Optical System	Field of view Direction of view Depth of field	80° Side viewing (15° retro) 5~60 mm
Distal End	Outer diameter	12.0 mm
Channel	Inner diameter	2.8 mm
Bending Section	Bending Angle	Up 120°, Down 90° Right 110°, Left 90°
Insertion Tube	Outer diameter	11.0 mm
Working length		1,235 mm
Total Length		1,555 mm
Biopsy Forceps	Minimum visible distance from distal end	10 mm

Total Cleanability

Instrument channel and all external surfaces can be easily and thoroughly cleaned, with total immersion in disinfectant solutions where necessary.



It takes a tremendous amount of skill to build a reputation as an innovator among industries as diverse as communications, medicine, information and science. Yet that's exactly what Olympus has accomplished since its inception in 1919. Our varied product list is filled with technological achievements and resounding successes. Not only in cameras, but also in a wide range of microscopes. Fiberscopes. Microcassette recorders. Clinical analysis equipment. Video equipment. And more breakthroughs are on the way, particularly in the exciting new field of opto-electronics, which combines the resources of optics, electronics and precision engineering. At Olympus, we've earned our reputation with an unfailing commitment to heavy research and development. With an uncompromising dedication to quality, precision and accuracy. And with a stubborn unwillingness to follow the crowd. That's why we'll continue to lead the way with original products that surprise you, assist you, involve you, and fulfill you.

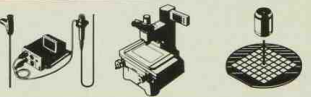
Olympus business areas



Medical and health-care area



Imaging and information area



Industrial applications area

OLYMPUS®
FOCUS ON LIFE

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