

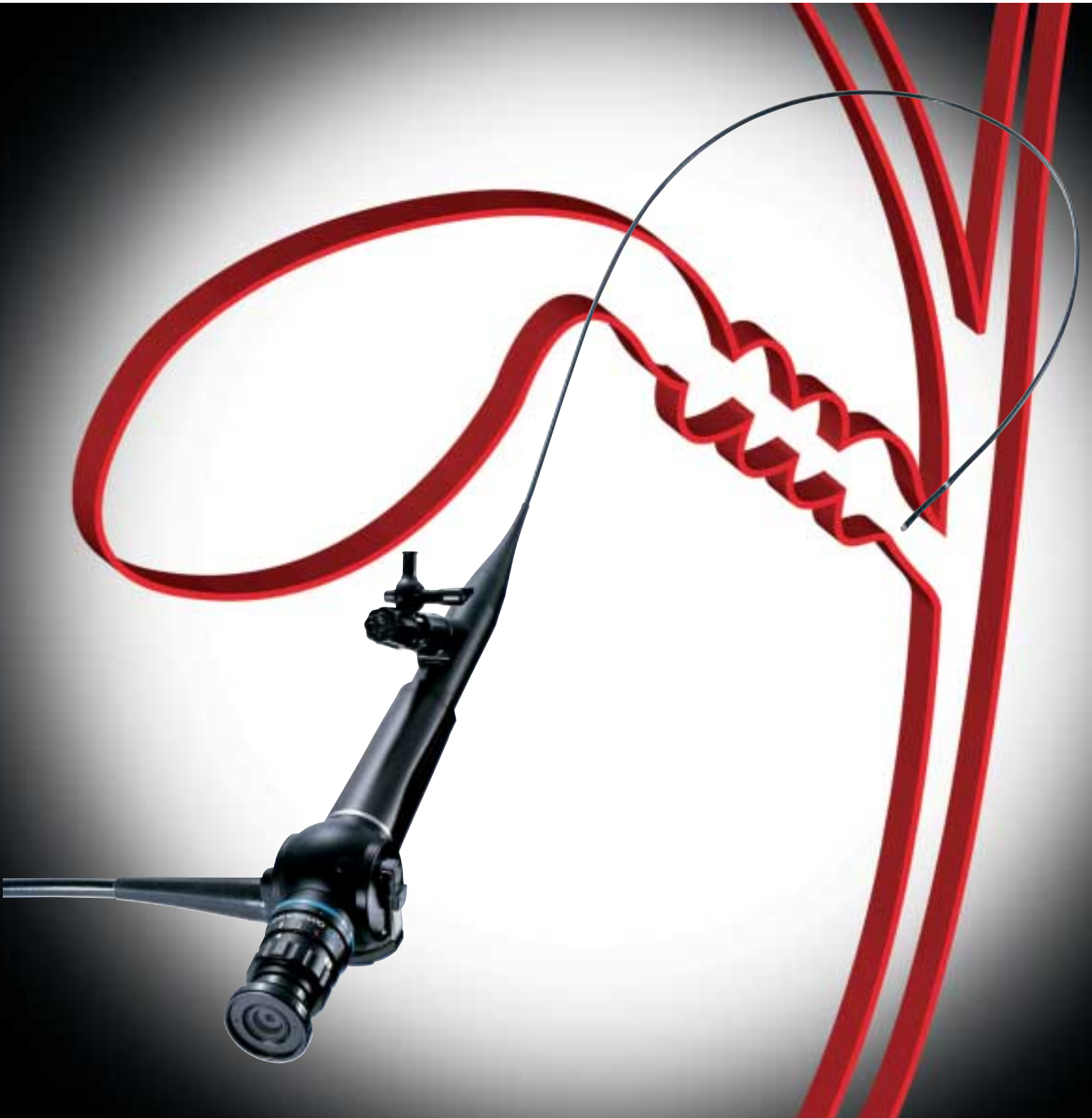
**OLYMPUS**<sup>®</sup>

Your Vision, Our Future

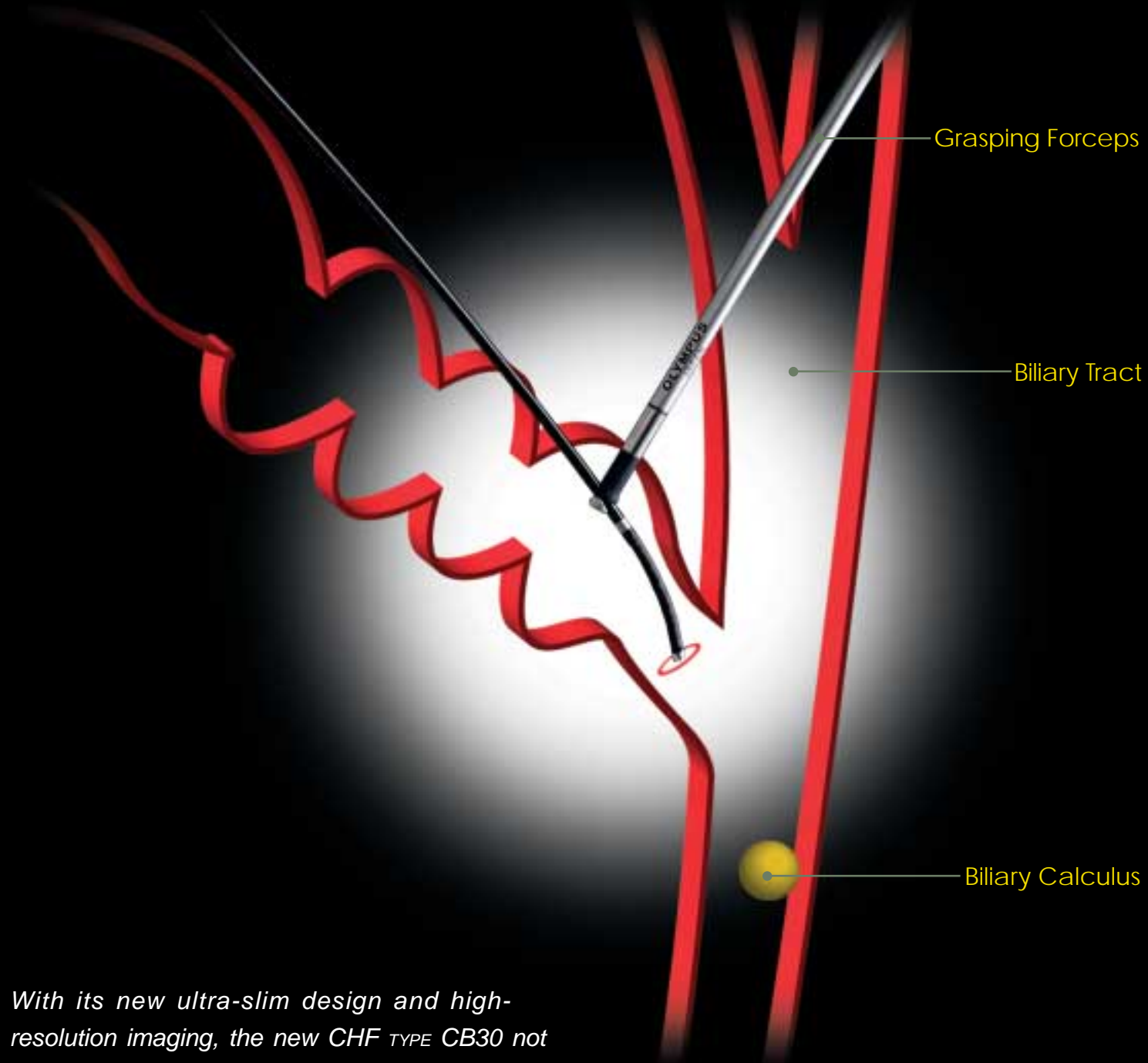
OES Choledochofiberscope

**CHF TYPE CB30 L/S**

An Ideal Solution For Smooth Biliary Tract Surgery



# Now You Can See *Exactly* What You're Doing



With its new ultra-slim design and high-resolution imaging, the new CHF TYPE CB30 not only makes insertion easier, it affords the clearest, brightest field of view ever. Able to vividly reproduce even the subtlest variations in site detail, this sophisticated new scope lets you see exactly what you're doing — making diagnosis and treatment of biliary tract diseases easier. Minimized patient trauma and maximized performance make the CHF TYPE CB30 today's clear choice for biliary tract treatment and retrieval of biliary calculus.



## OLYMPUS CHF TYPE CB30 L/S

Olympus offers an ideal solution for smooth biliary tract surgery, incorporating all essential features in a delicate but durable scope.

*The CHF TYPE CB30 promises great performance for biliary tract diseases.*



### Much Brighter Endoscopic Image

The CB30 provides a view about 1.8 times brighter than that of the conventional CB20. When connected to the OTV-S7 VISERA Video System and the CLV-S40 VISERA Xenon Light Source, the CB30 transmits a bright, clear, high-resolution image that delineates the site in superlative detail.



### Easier with New Insertion Section

Slimmer, more durable and with higher resolution capability, the CHF TYPE CB30 has everything it takes to greatly enhance your surgical procedures.



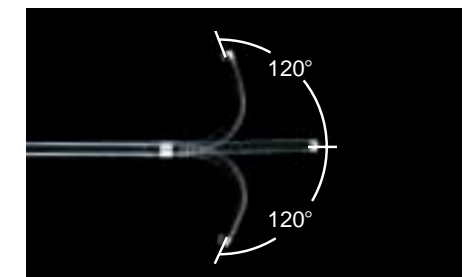
### Half a Millimeter Slimmer

The diameter of the CB30's insertion section has been reduced by half a millimeter — from ø3.3 mm (CB20) to ø2.8 mm.



### Large Working Channel

Despite the narrow diameter of the insertion section, the CHF TYPE CB30's large working channel (1.2 mm) makes the most of distention and utilization of 3 Fr. instruments, allowing a wider range of operational methods.

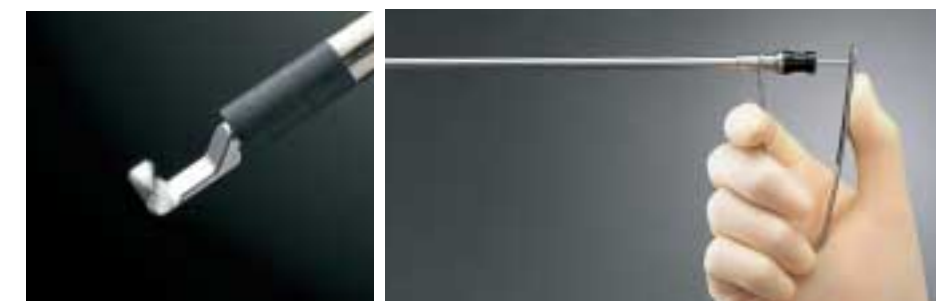


### Wide Angulation Range

The wide angulation range (Up 120°/Down 120°), which is easily controlled with one hand, maximizes the scope's manipulation and visualization capabilities. Also, its single bending section simplifies and facilitates insertion into the common ducts.

### 5mm O.D. Grasping Forceps (T1079)

With its spring handle and protective cap for the tip's hook, you can control the scope freely. It is autoclavable, for easy sterilization and disinfection, and thanks to its small diameter, ø5 mm trocars can be easily utilized.





**VISERA Video System**

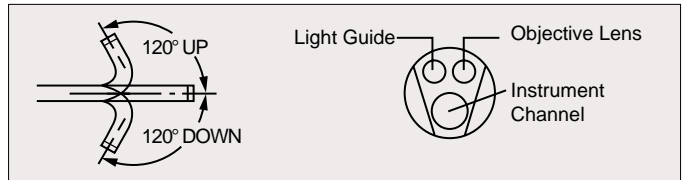
The VISERA Video System includes high-resolution videoscopes and autoclavable camera heads/videolaparoscopes, and can be used for all endoscopic procedures, whether in the office or operating room. Still/moving image recording is digital, making application and management of recorded images smoother than ever.

**CLV-S40 VISERA Xenon Light Source**

The high-quality xenon lamp provides illumination ideal for endoscopy, allowing observation in deep sites or advanced techniques. Also, the Standby function and Intensity-Mode Memory simplify procedures.

**Specifications**

Optical system	Field of view	75°
	Direction of view	Direct view
	Depth of field	2.5 - 50 mm
	Illumination	Light guide system
	Minimum visible distance	1 mm
Distal end	Outer diameter	ø2.7 mm
Bending section	Range of tip bending	Up 120° / Down 120°
Insertion tube	Outer diameter	ø2.8 mm
Length	Working length	700 mm (L) 450 mm (S)
	Total length	1,010 mm (L) 760 mm (S)
Instrument channel	Inner diameter	ø1.2 mm



**Standard Set**

- Endoscope (CHF TYPE CB30) ..... 1pc.
- Channel Cleaning Brush (BW-7B) ..... 1pc.
- Channel Cleaning Brush (MH-15SH) ..... 1pc.
- Channel-Opening Cleaning Brush (MH-507) ..... 1pc.
- Biopsy Valve (MAJ-579) ..... 10pcs.
- ETO Cap (MB-156) ..... 1pc.
- 5mm O.D. Grasping Forceps (T1079) ..... 1pc.

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.



**OLYMPUS MEDICAL SYSTEMS CORP.**  
 Shinjuku Monolith, 3-1 Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0914, Japan  
**OLYMPUS WINTER & IBE GMBH**  
 Kuehnstrasse 61, 22045 Hamburg, Germany  
**OLYMPUS MEDICAL SYSTEMS EUROPA GMBH**  
 Postfach 10 49 05, 20034 Hamburg / Wendenstrasse 14-18, 20097 Hamburg, Germany  
**OLYMPUS SURGICAL & INDUSTRIAL AMERICA INC.**  
 One Corporate Drive, Orangeburg, New York 10962, U.S.A  
**OLYMPUS LATIN AMERICA, INC.**  
 6100 Blue Lagoon Drive, Suite 390 Miami, Florida 33126-2087, U.S.A  
**KEYMED LTD.**  
 Keymed House, Stock Road, Southend-on-Sea, Essex SS2 5QH, England

**OLYMPUS SINGAPORE PTE LTD.**  
 491B River Valley Road #12-01/04, Valley Point Office Tower, Singapore 248373  
**OLYMPUS HONG KONG AND CHINA LIMITED**  
 Room 1520-1527, Ocean Centre, 5 Canton Road, Tsimshatsui, Kowloon, Hong Kong  
**OLYMPUS (BEIJING) SALES & SERVICE CO., LTD.**  
 Room 1202, NCI Tower, A12 Jianguomenwai Avenue Chaoyang District Beijing, 100022, China  
**OLYMPUS MOSCOW LIMITED LIABILITY COMPANY**  
 117071, Moscow, Malaya Kaluzhskaya 19, bld. 1, fl.2, Russia  
**OLYMPUS AUSTRALIA PTY LTD**  
 31 Gilby Road, Mount Waverley, VIC, 3149, Australia