



- ETD3 – the new standard in endoscope reprocessing



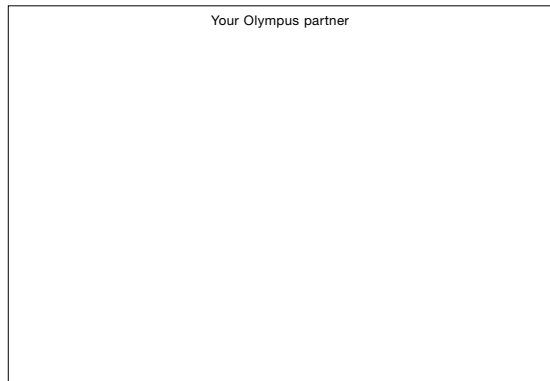
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- The ultimate guidewire for easy access and exchange developed by Olympus and Terumo

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Your Vision, Our Future

Endoscope Overview

2003/2004



29986 • 10.000 • 10/03 • Reinhardt



Video Endoscopes

	Insertion Tube OD (mm)	Channel ID (mm)	Bending (Up/Down)	Bending (Right/Left)	Working Length (mm)	Field of View	Depth of Field (mm)	Comments
Video Gastrosopes								
GIF-Q160	9.5	2.8	210°/90°	100°/100°	1030	140°	3 - 100	—
GIF-160	8.6	2.8	210°/90°	100°/100°	1030	140°	3 - 100	—
GIF-XP160*	5.9	2.0	180°/90°	100°/100°	1030	120°	3 - 100	SlimSIGHT
GIF-Q160Z	10.9	2.8	210°/90°	100°/100°	1030	140°/75° (tele)	8-100/1.5-3 (tele)	zoom
GIF-1TQ160	11.3	3.7	210°/90°	100°/100°	1030	140°	3 - 100	—
GIF-2T160	12.6	2.8 / 3.7	210°/90°	100°/100°	1030	120°	3 - 100	—
GIF-XTQ160	12.9	6.0	210°/90°	100°/100°	1030	140°	3 - 100	—
GIF-Q145	9.8	2.8	210°/90°	100°/100°	1030	130°	3 - 100	—
Video Duodenoscopes								
TJF-160R	11.3	4.2	120°/90°	110°/90°	1240	100°/5°(retro)	5 - 60	—
PJF-160*	7.5	2.0	120°/90°	90°/90°	1235	100°/5°(retro)	2 - 60	special order
TJF-145	12.5	4.2	120°/90°	110°/90°	1240	100°/5°(retro)	5 - 60	—
JF-140R	11.0	3.2	120°/90°	110°/90°	1240	100°/15°(retro)	5 - 60	—
Video Enteroscopes								
SIF-Q140	10.5	2.8	180°/180°	160°/160°	2500	140°	4 - 100	—
Video Sigmoidoscope								
CF-Q160S	13.2	3.7	180°/180°	160°/160°	730	140°	3 - 100	—
Video Colonoscopes								
CF-Q160I/L	12.8	3.7	180°/180°	160°/160°	1330/1680	140°	3 - 100	—
CF-Q160AI/L	12.8	3.7	180°/180°	160°/160°	1330/1680	140°	3 - 100	innoflex
PCF-160AI/L	11.5	3.2	180°/180°	160°/160°	1330/1680	140°	3 - 100	innoflex
CF-2T160I/L	13.7	3.7/3.2	180°/180°	160°/160°	1330/1665	140°	3 - 100	—
CF-Q160ZI/L	12.8	3.7	180°/180°	160°/160°	1330/1680	140°/50° (tele)	7-100/2-3 (tele)	zoom
CF-Q160DI/L	13.2	3.7	180°/180°	160°/160°	1330/1680	140°	3 - 100	ScopeGuide/ innoflex
CF-Q145I/L	12.8	3.7	180°/180°	160°/160°	1330/1680	140°	3 - 100	—
CF-1T140I/L	13.7	4.2	180°/180°	160°/160°	1330/1680	140°	5 - 100	—
Video Bronchoscopes								
BF-160	5.2	2.0	180°/130°	—	600	120°	3 - 100	colour CCD
BF-P160*	4.9	2.0	180°/130°	—	600	120°	3 - 100	colour CCD
BF-1T160	6.0	2.8	180°/130°	—	600	120°	3 - 100	colour CCD
BF-XT160*	6.3	3.2	180°/130°	—	600	120°	3 - 100	colour CCD
BF-3C160*	3.8	1.2	180°/130°	—	600	120°	3 - 100	colour CCD
BF-MP160F	4.4	2.0	180°/130°	—	600	120°	3 - 50	Fibervideoscope
BF-XP160F	2.8	1.2	180°/130°	—	600	90°	2 - 50	Fibervideoscope
BF-240	5.7	2.0	180°/130°	—	550	120°	3 - 100	black/white CCD
BF-P240	5.2	2.0	180°/130°	—	550	120°	3 - 100	black/white CCD
BF-1T240	6.0	2.6	180°/130°	—	550	120°	3 - 100	black/white CCD
Video Pleuroscopes (Medical Thoracoscopy)								
LTF-160	7.0	2.8	160°/130°	—	270	120°	3 - 100	autoclavable

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

* with CV-160 only

Fiber Endoscopes

	Insertion Tube OD (mm)	Channel ID (mm)	Bending (Up/Down)	Bending (Right/Left)	Working Length (mm)	Field of View	Depth of Field (mm)	Comments
Fiber Gastroscopes								
GIF-Q40	11.0	2.8	210°/90°	100°/100°	1030	120°	3 - 100	—
GIF-XQ40	9.8	2.8	210°/90°	100°/100°	1030	120°	3 - 100	—
GIF-P30	9.0	2.2	210°/90°	100°/100°	1030	120°	3 - 100	—
GIF-N30	5.3	2.0	180°/180°	160°/160°	930	120°	3 - 50	—
GIF-1T30	11.3	3.7	210°/90°	100°/100°	1030	120°	3 - 100	—
GIF-XT30	13.2	6.0	180°/100°	100°/100°	1005	100°	3 - 100	—
GIF-PQ20	9.0	2.8	210°/90°	100°/100°	1030	100°	3 - 100	—
GIF-XP20	7.9	2.0	210°/90°	100°/100°	1030	100°	3 - 100	—
GIF-2T20	12.6	3.7/2.8	210°/90°	100°/100°	1010	100°	3 - 100	—
GIF-E	9.8	2.8	210°/90°	100°/100°	1030	100°	3 - 100	—
Fiber Duodenoscopes								
JF-1T40	11	3.2	120°/90°	110°/90°	1240	80°	5 - 60	—
TJF-30	12.5	4.2	120°/90°	110°/90°	1240	80°/5° (retro)	5 - 60	—
PJF-7.5E	7.5	2.0	120°/90°	90°/90°	1030	80°	5 - 60	special order
CHF-BP30	3.4	1.2	160°	130°	1870	90°	1 - 50	baby scope
Fiber Enteroscopes								
SIF-10	11.3	2.8	180°/100°	160°/160°	1005	100°	3 - 100	—
Fiber Sigmoidoscope								
OSF-3	12.2	3.2	180°/180°	160°/160°	700	120°	3 - 100	—
Fiber Colonoscopes								
CF-40I/L	12.9	3.2	180°/180°	160°/160°	1330/1680	140°	5 - 100	—
CF-1T20I/L	13.7	4.2	180°/180°	160°/160°	1330/1680	120°	5 - 100	—
PCF-20	11.3	2.8	180°/180°	160°/160°	1330	120°	3 - 100	—
CF-EI/L	13.3	3.2	180°/180°	160°/160°	1330/1680	120°	5 - 100	—
Fiber Bronchoscopes								
BF-40	6.0	2.2	180°/130°	—	550	120°	3 - 50	—
BF-P40	5.0	2.2	180°/130°	—	550	120°	3 - 50	—
BF-1T40	6.0	2.8	180°/130°	—	550	120°	3 - 50	—
BF-XT40	6.2	3.2	180°/130°	—	550	120°	3 - 50	—
BF-3C40	3.6	1.2	180°/130°	—	550	120°	3 - 50	—
BF-XP40	2.8	1.2	180°/130°	—	600	90°	2 - 50	—
BF-N20	2.2	—	160°/90°	—	550	75°	3 - 50	—
BF-PE2	5.0	2.2	180°/130°	—	600	120°	3 - 50	—
BF-TE2	6.0	2.8	180°/130°	—	600	120°	3 - 50	—

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Endoscopic Ultrasound

	Insertion Tube OD (mm)	Channel ID (mm)	Bending (Up/Down)	Bending (Right/Left)	Working Length (mm)	Field of View	Depth of Field (mm)	Frequency (MHz)	Scanning Mode	Comments
Ultrasonic Videoscopes										
GF-UM130	10.5	2.2	130°/90°	90°/90°	1250	100°/50° (forward)	3 - 100	7.5/12 (switchable)	mechanical radial	—
GF-UMQ130	10.5	2.2	130°/90°	90°/90°	1250	100°/50° (forward)	3 - 100	7.5/20 (switchable)	mechanical radial	—
GF-UC140P-AL5	11.8	2.8	130°/90°	90°/90°	1250	100°/55° (forward)	3 - 100	5, 6, 7.5, 10	electrical curved linear array	compatible with Aloka SSD-4000, 5000, 5500
GF-UCT140-AL5	12.6	3.7	130°/90°	90°/90°	1250	100°/55° (forward)	3 - 100	5, 6, 7.5, 10	electrical curved linear array	compatible with Aloka SSD-4000, 5000, 5500
GF-UC160P-AT8	11.8	2.8	130°/90°	90°/90°	1260	100°/55° (forward)	3 - 100	5 - 12	electrical curved linear array	compatible with Philips HDI 5000
GF-UCT160-AT8	12.6	3.7	130°/90°	90°/90°	1260	100°/55° (forward)	3 - 100	5 - 12	electrical curved linear array	compatible with Philips HDI 5000
GF-UC160P-OL5	11.8	2.8	130°/90°	90°/90°	1250	100°/55° (forward)	3 - 100	7.5	electrical curved linear array	for EUS EXERA EU-C60
GF-UCT160-OL5	12.6	3.7	130°/90°	90°/90°	1250	100°/55° (forward)	3 - 100	7.5	electrical curved linear array	for EUS EXERA EU-C60
GF-UM160	10.5	2.2	130°/90°	90°/90°	1250	100°/50° (forward)	3 - 100	5, 7.5, 12, 20	mechanical radial	for EUS EXERA EU-M60
Ultrasonic Fiberscopes										
GF-UM20	11.7	2.0	130°/130°	90°/90°	1055	80°/45° (forward)	3 - 100	7.5, 12	mechanical radial	—
Ultrasonic Probes										
MH-908	7.9	—	130°/90°	90°/90°	700	-	-	7.5	mechanical radial	flex. esophageal probe
RU-75M-R1	12	—	rigid	rigid	150	-	-	7.5	mechanical radial	rigid rectal probe
RU-12M-R1	12	—	rigid	rigid	150	-	-	12	mechanical radial	rigid rectal probe
Ultrasonic Endoscopes for EBUS										
BF-UC160F-OL8	6.2	2.0	120°/90°	—	600	80°	2 - 50	7.5	electrical curved linear array	Fibervideoscope for EUS EXERA EU-C60
BF-UM40	6.2	1.2	160°/90°	—	600	90°	2 - 50	20	mechanical radial	Fiberscope

	Frequency (MHz)	Working Length (mm)	Insertion Tube OD (mm)	Comp. Biopsy Channel (mm)	Compatible Balloon Sheath (mm)	Max. OD Balloon Sheath (mm)	Compatible Biopsy Channel (mm)	Scanning Mode
Ultrasonic Miniature Probes								
UM-2R/3R	12/20	2050	2.5	2.8	MH-246R	3.6	3.7	mechanical radial
UM-S20-20R	20	2050	max. 2.0	2.2	MH-246R	3.6	3.7	mechanical radial
UM-S30-25R	30	2050	2.5	2.8	MH-246R	3.6	3.7	mechanical radial
UM-S30-20R	30	2050	max. 2.0	2.2	MH-246R	3.6	3.7	mechanical radial
UM-BS20-26R	20	2050	to be used only with balloon sheath		MAJ-643R	2.6	2.8	mechanical radial
UM-G20-29R	20	2050	2.9	3.2	can not be used with balloon sheath		mechanical radial	
UM-DP12-25R	12	2050	2.5	2.8	can not be used with balloon sheath		mechanical helical for DPR	
UM-DP20-25R	20	2050	2.5	2.8	can not be used with balloon sheath		mechanical helical for DPR	

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