



COMPONENTS

Supporting Your Standard of Care



Catalog Number	OD (mm)	Working Length (mm)	Compatibility (Model)
GASTROSCOPE			
ISTO-1291030	12.9	1030	GIF-XTQ160
ISTO-1261030	12.6	1030	GIF-2TH180, GIF-2T160
ISTO-1091030	10.9	1030	GIF-1TH190, GIF-Q160Z
ISTO-1051030	10.5	1030	GIF-FQ260Z
ISTO-0991030	9.9	1030	GIF-HQ190, GIF-H180J
ISTO-0981030	9.8	1030	GIF-H180, GIF-Q160, GIF-140
ISTO-0961030	9.6	1030	GIF-H290Z, GIF-H290EC
ISTO-0921030	9.2	1030	GIF-H190, GIF-H185
ISTO-0901030	9.0	1030	GIF-160
ISTO-0881030	8.8	1030	GIF-Q180
ISTO-0581100	5.8	1100	GIF-XP190N
ISTO-0491100	4.9	1100	GIF-N180
DUODENOSCOPE			
ISTO-1131240	11.3	1240	TJF-Q190V, TJF-Q180V
COLONOSCOPE			
ISTO-1371665	13.7	1665	CF-2T160L
ISTO-1321330	13.2	1330	CF-FH260AZI
ISTO-1321680	13.2	1680	CF-FH260AZL
ISTO-1281330	12.8	1330	CF-HQ190I, CF-H190I, CF-H185I
ISTO-1281680	12.8	1680	CF-HQ190L, CF-H190L
ISTO-1181330	11.8	1330	PCF-H190DI, PCF-H290ZI
ISTO-1181680	11.8	1680	PCF-H190DL, PCF-H290ZL
ISTO-1151330	11.5	1330	PCF-H190I
ISTO-1151680	11.5	1680	PCF-H190L
ISTO-1051330	10.5	1330	PCF-H190TI
ISTO-1051680	10.5	1680	PCF-H190TL
ISTO-0951330	9.5	1330	PCF-PH190I
ISTO-0951680	9.5	1680	PCF-PH190L
BRONCHOSCOPE			
ISTO-60600	6.0	600	BF-1TH190, BF-1T180, BF-1TQ290, BF-1T260
ISTO-57600	5.7	600	BF-H290
ISTO-51600	5.1	600	BF-H190, BF-Q180
ISTO-49600	4.9	600	BF-Q190, BF-Q290, BF-260
ISTO-41600	4.1	600	BF-P290
ISTO-37600	3.7	600	BF-MP190F, BF-MP290F



- ◆ **PREMIUM TUBES** has different production processes and can provide reports such as biocompatibility. It has better durability than ordinary models.
- ◆ Matching adapter rings could be ordered subject to conditions.

Insertion Tube

PENTAX			
Catalog Number	OD (mm)	Length (mm)	Compatibility (Model)
GASTROSCOPE			
ISTP-1001050	10.0	1050	EG-2930K
ISTP-0981050	9.8	1050	EG-2990Zi, EG-29i10, EG29-i10N, EG-2990i, EG-2990K
ISTP-0901050	9.0	1050	EG-27i10, EG-2790i, EG-2770K
COLONOSCOPE			
ISTP-0981300	9.8	1300	EC-2990Mi
ISTP-0981500	9.8	1500	EC-2990Fi
ISTP-0981700	9.8	1700	EC-2990Li
ISTP-1161300	11.6	1300	EC-3490Mi, EC34-i10M
ISTP-1161500	11.6	1500	EC-3490Fi, EC34-i10f
ISTP-1161700	11.6	1700	EC-3490Li, EC34-i10L
ISTP-1321300	13.2	1300	EC-3890MZi, EC38-i10M2, EC38-i10M
ISTP-1321500	13.2	1500	EC-3890FZi, EC38-i10F, EC38-i10F2
ISTP-1321700	13.2	1700	EC-3890LZi, EC38-i10L, EC-3870K

- ◆ **PREMIUM TUBES** has different production processes and can provide reports such as biocompatibility. It has better durability than ordinary models.
- ◆ Matching adapter rings could be ordered subject to conditions.

FUJIFILM			
Catalog Number	OD (mm)	Length (mm)	Compatibility (Model)
GASTROSCOPE			
ISTF-1081100	10.8	1100	EG-760CT, EG-530CT
ISTF-0981100	9.8	1100	EG-600ZW, EG-580RD, EG-760Z
ISTF-0951100	9.5	1100	EG-590WR, EG-250WR
ISTF-0931100	9.3	1100	EG-600WR, EG-760R, EG-720R, EG-530WR
ISTF-0591100	5.9	1100	EG-580NW2, EG-740N
COLONOSCOPE			
ISTF-1281330	12.8	1330	EC-600ZW/M, EC-760Z-V, EC-720R/M, EC-530WM3
ISTF-1281520	12.8	1520	EC-720R/I, EC-530WI3
ISTF-1281690	12.8	1690	EC-600ZW/L, EC-760S-V, EC-720R/L, EC-530WL3
ISTF-1201330	12.0	1330	EC-600W/M, EC-760R-M
ISTF-1201520	12.0	1520	EC-600W/I, EC-760R-I
ISTF-1201690	12.0	1690	EC-600W/L, EC-760R-L
ISTF-1181330	11.8	1330	EC-760ZP-V, EC-760ZP-M
ISTF-1181690	11.8	1690	EC-760ZP-L
ISTF-1151330	11.5	1330	EC-760P-V, EC-760P-M
ISTF-1151690	11.5	1690	EC-760P-L
ISTF-1051330	10.5	1330	EC-580RD/M
ISTF-1051690	10.5	1690	EC-580RD/L



PRODUCT SUMMARY

Pentax Gastroscope: 3

Fujifilm Gastroscope: 5

Pentax Colonoscope: 9

Fujifilm Colonoscope: 12

Pentax Total: 12

Fujifilm Total: 17

Grand Total: 29 models

For Olympus

Catalog No.	Compatibility
GASTROSCOPE (GIF)	
LGB-GIF-V70	GIF-V70
LGB-GIF-V70I	GIF-V70I
LGB-GIF-Q145	GIF-Q145
LGB-GIF-Q150	GIF-Q150
LGB-GIF-Q160/165	GIF-Q160, GIF-165
LGB-GIF-H180	GIF-H180
LGB-GIF-H190	GIF-H190
LGB-GIF-HQ190	GIF-HQ190
LGB-GIF-XQ240	GIF-XQ240
LGB-GIF-H260	GIF-H260
LGB-GIF-Q260	GIF-Q260
LGB-GIF-Q260J	GIF-Q260J
LGB-GIF-XQ260	GIF-XQ260

COLONOSCOPE (CF)

LGB-CF-Q145L	CF-Q145L
LGB-CF-Q150L	CF-Q150L
LGB-CF-Q160AL	CF-Q160AL
LGB-CF-Q160L	CF-Q160L
LGB-CF-Q165L	CF-Q165L
LGB-CF-Q180AL	CF-Q180AL
LGB-CF-H180AL	CF-H180AL
LGB-CF-240L	CF-240L
LGB-CF-H260AL	CF-H260AL
LGB-CF-Q260AL	CF-Q260AL

PEDIATRIC (PCF)

LGB-PCF-140L	PCF-140L
LGB-PCF-Q180AL	PCF-Q180AL
LGB-PCF-H180AL	PCF-H180AL

DUODENOSCOPE (TJF)

LGB-TJF-140R	TJF-140R
LGB-TJF-160F	TJF-160F
LGB-TJF-160R	TJF-160R
LGB-TJF-160V	TJF-160V

For Pentax

Catalog No.	Compatibility
LGB-EG2970K	EG-2970K
LGB-EG2990I	EG-2990I
LGB-EG2990K	EG-2990K
LGB-EG290KP	EG-290KP
LGB-EG29i10	EG-29i10

For Fujifilm

Catalog No.	Compatibility
LGB-EG250WR5	EG-250WR5
LGB-EG530WR5	EG-530WR5
LGB-EC590WM	EC-590WM
LGB-EC590WR	EC-590WR



- ◆ **OEM-EQUIVALENT** replacement part. Fitment and optical performance verified.
- ◆ High-quality fiber optic bundles for optimal light transmission.
- ◆ Special models available upon request.

Summary

Olympus: 30

Pentax: 5

Fujifilm: 4

Total: 39

Light Guide Tube

For Olympus

Catalog Number	OD (mm)	Length (mm)
LGOLY-13.0-1422	13.0	1422
LGOLY-7.2-457	7.2	457
LGOLY-7.2-1428	7.2	1428
LGOLY-7.2-2123	7.2	2123
LGOLY-7.2-2145	7.2	2145
LGOLY-7.2-2445	7.2	2445

For Pentax

Catalog Number	OD (mm)	Length (mm)
LGPTX-13.2-1306	13.2	1306
LGPTX-14.2-1445	14.2	1445
LGPTX-14.8-1445	14.8	1445
LGPTX-13.5-1445	13.5	1445
LGPTX-5.8-1755	5.8	1755
LGPTX-5.8-1395	5.8	1395
LGPTX-5.8-1433	5.8	1433
LGPTX-5.8-2035	5.8	2035
LGPTX-7.8-1395	7.8	1395
LGPTX-7.8-1725	7.8	1725

For Fujifilm

Catalog Number	OD (mm)	Length (mm)
LGFUJI-13.0-1370	13.0	1370
LGFUJI-13.2-1305	13.2	1305
LGFUJI-Y-TYPE	Y Type	—
LGFUJI-13.3-1377	13.3	1377
LGFUJI-13.3-1400	13.3	1400
LGFUJI-9.0-330	9.0	330
LGFUJI-13.7-1186	13.7	1186
LGFUJI-13.4-1403	13.4	1403
LGFUJI-13.8-1150	13.8	1150



- ◆ Built with **premium optical fibers** and protective outer sheath for excellent light transmission.
- ◆ High flexibility allows smooth insertion and navigation during endoscopic procedures.
- ◆ Resistance to repeated sterilization cycles ensures long service life and cost efficiency.
- ◆ Special sizes are available upon request. Contact us for custom specifications.

Light Guide Tube Summary

Olympus: 6 models
Fujifilm: 9 models

Pentax: 10 models
Total: 25 models

For Olympus

Catalog Number	ID (mm)	OD (mm)	Length (mm)
BC-ID1_2-OD1_6-L1000	1.2	1.6	1000
BC-ID1_4-OD2_0-L1000	1.4	2.0	1000
BC-ID1_6-OD2_2-L1000	1.6	2.2	1000
BC-ID1_8-OD2_35-L1000	1.8	2.35	1000
BC-ID2_0-OD2_55-L1000	2.0	2.55	1000
BC-ID2_0-OD2_55-L1300	2.0	2.55	1300
BC-ID2_0-OD2_55-L1854	2.0	2.55	1854
BC-ID2_2-OD2_75-L1000	2.2	2.75	1000
BC-ID2_2-OD2_75-L1300	2.2	2.75	1300
BC-ID2_2-OD2_75-L1854	2.2	2.75	1854
BC-ID2_4-OD3_0-L1000	2.4	3.0	1000
BC-ID2_6-OD3_2-L1300	2.6	3.2	1300
BC-ID2_6-OD3_2-L1854	2.6	3.2	1854
BC-ID2_7-OD3_4-L1300	2.7	3.4	1300
BC-ID2_8-OD3_55-L1300	2.8	3.55	1300
BC-ID2_8-OD3_55-L1854	2.8	3.55	1854
BC-ID2_8-OD3_55-L3500	2.8	3.55	3500
BC-ID3_0-OD3_8-L1200	3.0	3.8	1200
BC-ID3_2-OD4_2-L1854	3.2	4.2	1854
BC-ID3_2-OD4_2-L3500	3.2	4.2	3500
BC-ID3_7-OD4_7-L1854	3.7	4.7	1854
BC-ID4_2-OD5_2-L1854	4.2	5.2	1854

For Pentax

Catalog Number	ID (mm)	OD (mm)	Length (mm)
BC-ID2_0-OD2_45-L1000	2.0	2.45	1000
BC-ID2_8-OD3_45-L1854	2.8	3.45	1854
BC-ID3_2-OD3_85-L1854	3.2	3.85	1854
BC-ID3_2-OD4_0-L1854	3.2	4.0	1854
BC-ID3_8-OD4_55-L1854	3.8	4.55	1854
BC-ID4_2-OD5_05-L1854	4.2	5.05	1854



- ◆ Made from **medical-grade PTFE** with excellent chemical resistance and low friction coefficient.
- ◆ Smooth inner surface facilitates easy passage of biopsy forceps and other accessories.
- ◆ Excellent durability ensures long service life under repeated sterilization cycles.
- ◆ Various sizes available to match the outside diameter of the accessory used.
- ◆ Special sizes are available upon request. Contact us for custom specifications.

Biopsy Channel Summary

Olympus: 22 models

Pentax: 6 models

Total: 28 models

Bending Section

For Olympus					
Cat. No.	OD	THK	ID	LEN	Compatibility
GASTROSCOPE (GIF)					
BS-01	Φ8.5	0.3	Φ4.9	68	GIF-XQ240
BS-02	Φ8.5	0.3	Φ4.8	68	GIF-Q150, GIF-Q180, GIF-160
BS-03	Φ8.5	0.3	Φ4.8	73	GIF-V70
BS-04	Φ8.7	0.25	Φ5.3	68	GIF-Q260
BS-05	Φ8.8	0.25	Φ5.1	72	GIF-H260
BS-06	—	—	—	—	GIF-Q260J
BS-07	Φ8.8	0.3	Φ5.0	73	GIF-Q160
BS-08	Φ8.8	0.3	Φ5.0	72	GIF-140
BS-09	Φ9.0	0.3	Φ5.1	72	GIF-Q145
BS-10	Φ9.1	0.3	Φ5.1	75	GIF-H180
BS-11	Φ8.9	0.25	Φ5.1	65.6	GIF-H190
BS-12	Φ9.5	0.3	Φ5.5	74.5	GIF-HQ190
BS-13	Φ9.5	0.3	Φ5.5	75	GIF-Q140
COLONOSCOPE (CF / PCF)					
BS-14	Φ9.7	0.3	Φ5.7	99	PCF-160AL, PCF-Q180AL, PCF-240L
BS-15	Φ9.7	0.3	Φ5.7	98	PCF-Q260AL
BS-16	Φ10.2	0.3	Φ6.0	99	PCF-H180AL
BS-17	Φ10.4	0.3	Φ6.2	96	PCF-H190L
BS-18	Φ10.85	0.3	Φ6.6	98	PCF-H190DL
BS-19	Φ10.9	0.3	Φ6.7	111	CF-Q260DL
BS-20	Φ10.9	0.4	Φ6.5	111	CF-240L
BS-22	Φ11.7	0.4	Φ7.3	113	CF-Q160AL, CF-Q180AL, CF-Q160I
BS-23	Φ11.7	0.4	Φ7.3	112	CF-H180AL, CF-H260AL
BS-24	—	—	—	—	CF-Q260AI
BS-25	Φ11.7	0.4	Φ7.3	109	CF-HQ190
DUODENOSCOPE (TJF)					
BS-21	Φ11.0	0.3	Φ6.4	54	TJF-260, TJF-240, TJF-160
BRONCHOSCOPE / OTHER					
BS-26	Φ4.65	0.15	Φ3.2	49.5	11272CU1
BS-27	Φ3.7	0.15	Φ3.4	35	LF-GP
BS-28	Φ3.2	0.12	Φ2.0	32.5	11292BD1

For Pentax					
Cat. No.	OD	THK	ID	LEN	Compatibility
GASTROSCOPE					
BS-29	Φ9.1	0.25	Φ5.8	72	EG-2990I
BS-30	Φ9.1	0.25	Φ5.8	66	EG-2990K
BS-31	Φ9.1	0.25	Φ5.8	70	EG-29i10
BS-32	Φ9.1	0.25	Φ5.8	70	EG-2990K, EG-29i10, EG-290KP
BS-33	Φ9.1	0.25	Φ5.8	68.6	EG-290V
BS-34	Φ8.3	0.25	Φ4.8	64	EG-2770K
BS-35	Φ8.3	0.25	Φ4.8	63	EG-27i10
COLONOSCOPE					
BS-36	Φ11.6	0.3	Φ7.1	102	EC-3890FK, EC-3890FKP, EC-3890FKZP
BS-37	Φ11.6	0.3	Φ7.1	102	EC-380LKP
BS-38	Φ11.6	0.3	Φ7.1	101	EC-3890SI
For Fujifilm					
Cat. No.	OD	THK	ID	LEN	Compatibility
GASTROSCOPE					
BS-39	Φ7.6	0.15	Φ4.0	70.7	EG-530FP
BS-40	Φ8.3	0.25	Φ4.7	70.7	EG-530WR, EG-250WR5
BS-41	Φ9.6	0.2	Φ5.8	72.5	EG-590WR
COLONOSCOPE					
BS-42	Φ11.9	0.25	Φ9.7	97.8	EC-530WI, EC-530WM, EC-530WL
BS-43	Φ11.9	0.25	Φ9.7	97.8	EC-250WL5
BS-44	Φ11.9	0.25	Φ9.7	102.8	EC-590WI4, EC-590WM4, EC-590WL4



Bending Section Summary

Olympus: 28 models
 Fujifilm: 6 models
 Pentax: 10 models
Total: 44 models

Column Legend

OD = Outer Diameter (mm)
 THK = Thickness (mm)
 ID = Inner Diameter (mm)
 LEN = Length (mm)

Bending Rubber (Viton)

★ **Material: Viton (FKM)** — High-performance fluoroelastomer with excellent chemical resistance and durability

Catalog No.	OD (mm)	Length (mm)
VBR-OD13_4-L180	13.4	180
VBR-OD13_0-L190	13.0	190
VBR-OD13_0-L140	13.0	140
VBR-OD12_5-L190	12.5	190
VBR-OD12_2-L190	12.2	190
VBR-OD12_0-L140	12.0	140
VBR-OD11_8-L190	11.8	190
VBR-OD11_6-L190	11.6	190
VBR-OD11_1-L190	11.1	190
VBR-OD10_3-L110	10.3	110
VBR-OD10_2-L150	10.2	150
VBR-OD10_0-L110	10.0	110
VBR-OD9_8_9_2-L130	9.8/9.2	130
VBR-OD9_8-L110	9.8	110
VBR-OD9_6-L115	9.6	115
VBR-OD9_3-L190	9.3	190
VBR-OD9_3-L110	9.3	110
VBR-OD9_0-L115	9.0	115
VBR-OD8_6-L130	8.6	130
VBR-OD8_4-L100	8.4	100
VBR-OD8_2-L130	8.2	130

Catalog No.	OD (mm)	Length (mm)
VBR-OD8_0-L150	8.0	150
VBR-OD7_5-L150	7.5	150
VBR-OD7_0-L150	7.0	150
VBR-OD6_2-L125	6.2	125
VBR-OD6_0-L108	6.0	108
VBR-OD5_9-L108	5.9	108
VBR-OD5_6-L108	5.6	108
VBR-OD5_3-L135	5.3	135
VBR-OD5_3-L105	5.3	105
VBR-OD5_2-L95	5.2	95
VBR-OD4_9-L80	4.9	80
VBR-OD4_6-L80	4.6	80
VBR-OD3_9-L80	3.9	80
VBR-OD3_4-L110	3.4	110
VBR-OD3_3-L110	3.3	110
VBR-OD3_3-L70	3.3	70
VBR-OD3_1-L90	3.1	90
VBR-OD2_8-L85	2.8	85
VBR-OD2_7-L90	2.7	90
VBR-OD2_6-L85	2.6	85
VBR-OD2_3-L90	2.3	90



- ◆ **Chemical Resistance:** Excellent resistance to oils, fuels, and chemicals used in medical sterilization.
- ◆ **Durability:** Designed for repeated sterilization cycles without degradation.
- ◆ **Quality:** OEM-equivalent replacement part for endoscope bending section repair.
- ◆ Special sizes are available upon request. Contact us for custom specifications.

Bending Rubber Summary

OD Range:
2.3 - 13.4 mm

Length Range:
70 - 190 mm

Total:
42 models

Catalog No.	Product Name	Brand
VALVES		
MH-443	MH-443 (Suction)	Olympus
MH-438	MH-438 (Air/Water)	Olympus
OF-120	OF-120 (Suction)	Pentax
OF-188	OF-188 (Air/Water)	Pentax
SB-500	SB-500 (Suction)	Fujifilm
AW-500	AW-500 (Air/Water)	Fujifilm
SB-605	SB-605 (Suction)	Fujifilm
AW-603	AW-603 (Air/Water)	Fujifilm

WATER BOTTLES		
MAJ-901	MAJ-901	Olympus
MAJ-902	MAJ-902	Olympus
WT-4	WT-4	Fujifilm

ACCESSORIES		
MH-946	MH-946	Olympus
MH-944	MH-944	Olympus
MH-553	Resistant Soaking Cap MH-553	Olympus
MAJ-1430	MAJ-1430 (OEM)	Olympus
MH-948	MH-948	Olympus
MAJ-855	MAJ-855	Olympus

REPAIR TOOLS	
1.	Precision Rigid Endoscope Repair Tool Set Complete tool kit for rigid endoscope maintenance
2.	Universal Flexible Endoscope Repair Tool Kit Comprehensive toolkit for flexible endoscope repair

Buttons



Water Bottles



- ◆ All spare parts are **OEM-equivalent** replacement components.
- ◆ Compatible with major brands: **Olympus, Pentax, Fujifilm.**
- ◆ Additional models available upon request.

Spare Parts Summary

Valves: 8	Water Bottles: 3
Accessories: 6	Repair Tools: 2

Total: 19 items