



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.

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

Biopsy Channel

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

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|---------------------|--|
| 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 |



- ◆ 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	