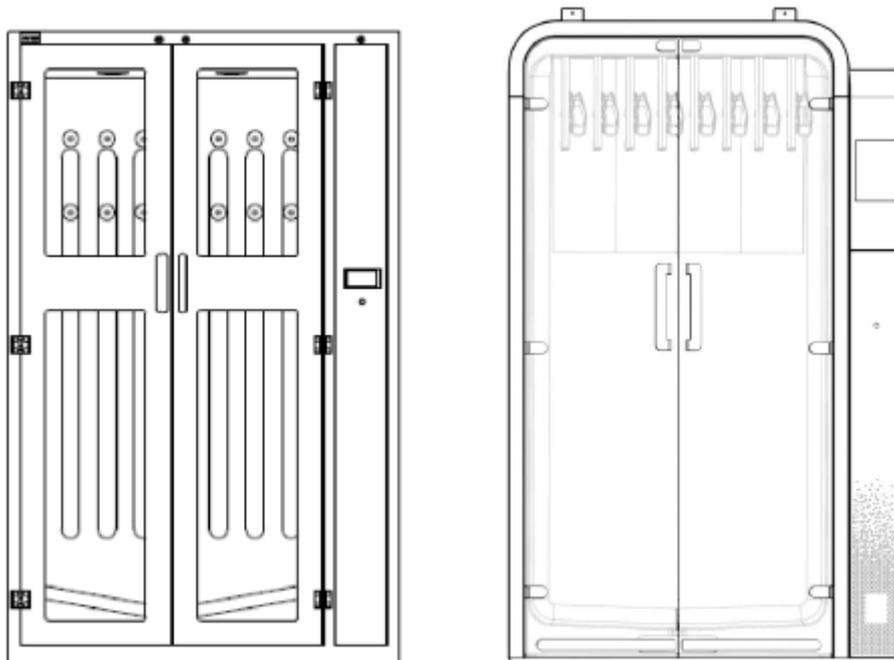

EDC / EDC Plus

ENDOSCOPE DRYING CABINET

ADAPTER MANUAL



Van Vliet Medical Supply B.V.
Antennestraat 60
1322 AS Almere
The Netherlands



Use of the endoscope drying and storage cabinet in any manner other than as described in this manual can result in damage to the machine and/or injury to personnel.

Van Vliet Medical Supply B.V. is not responsible in cases of use of the machine by unauthorized persons or for the damage that might be caused as a result.

Contents

1	General information.....	5
1.1	User instructions	5
1.2	Signal words	5
1.3	Conventions throughout this document	5
2	Introduction.....	6
2.1	Safety information	6
2.2	Intended use	6
2.3	Product liability	6
3	Connect adapters and maintenance.....	7
3.1	Connecting of adapter hoses with EDC	7
3.2	Connecting of adapter hoses with EDC Plus	8
3.3	Maintenance of adapters	9
4	Endoscope adapter sets for EDC / EDC Plus	10
4.1	Adapter "Olympus 1", for EDC Plus (E0425651)	10
4.1.1	Connecting Adapter "Olympus 1"	11
4.2	Adapter "Olympus 2", for EDC Plus (E0425652)	12
4.2.1	Connecting Adapter "Olympus 2"	13
4.3	Adapter "Olympus 3", for EDC Plus (E0425653)	14
4.3.1	Connecting Adapter "Olympus 3"	15
4.4	Adapter "Olympus 4", for EDC Plus (E0425654)	16
4.4.1	Connecting Adapter "Olympus 4"	17
4.5	Adapter "Olympus 5", for EDC Plus (E0425655)	18
4.5.1	Connecting Adapter "Olympus 5"	19
4.6	Adapter "Olympus 6", for EDC Plus (E0425656)	20
4.6.1	Connecting Adapter "Olympus 6"	21
4.7	Adapter "Olympus 7", for EDC Plus (E0425657)	22
4.7.1	Connecting Adapter "Olympus 7"	23
4.8	Adapter "Olympus 8", for EDC Plus (E0425658)	24
4.8.1	Connecting Adapter "Olympus 8"	25
4.9	Adapter "Olympus 9", for EDC Plus (E0425659)	26
4.9.1	Connecting Adapter "Olympus 9"	27
4.10	Adapter "Olympus 11", for EDC Plus (E0425661)	28
4.10.1	Connecting Adapter "Olympus 11"	29
4.11	Adapter "Olympus 12", for EDC Plus (E0425662)	30
4.11.1	Connecting Adapter "Olympus 12"	31
4.12	Adapter "Olympus 13", for EDC Plus (E0425663)	32
4.12.1	Connecting Adapter "Olympus 13"	33
4.13	Adapter "Olympus 15", for EDC Plus (WD25661A)	34
4.13.1	Connecting Adapter "Olympus 15"	35
4.14	Adapter "Fujifilm 1", for EDC Plus (E0425664)	36
4.14.1	Connecting Adapter "Fujifilm 1"	37
4.15	Adapter "Fujifilm 2", for EDC Plus (E0425665)	38
4.15.1	Connecting Adapter "Fujifilm 2"	39
4.16	Adapter "Fujifilm 3", for EDC Plus (E0425666)	40
4.16.1	Connecting Adapter "Fujifilm 3"	41
4.17	Adapter "Fujifilm 6", for EDC Plus (WD25672A)	42
4.17.1	Connecting Adapter "Fujifilm 6"	43
4.18	Adapter "Fujifilm 8", for EDC Plus (WD25674A)	44
4.18.1	Connecting Adapter "Fujifilm 8"	45
4.19	Adapter "Fujifilm 9", for EDC Plus (WD25675A)	46

4.19.1	Connecting Adapter "Fujifilm 9"	47
4.20	Adapter "Pentax 1", for EDC Plus (E0425667)	48
4.20.1	Connecting Adapter "Pentax 1"	49
4.21	Adapter "Pentax 2", for EDC Plus (E0425668)	50
4.21.1	Connecting Adapter "Pentax 2"	51
4.22	Adapter "Pentax 3", for EDC Plus (E0425669)	52
4.22.1	Connecting Adapter "Pentax 3"	53
4.23	Adapter "Pentax 4", for EDC Plus (E0425670)	54
4.23.1	Connecting Adapter "Pentax 4"	55
4.24	Adapter "Pentax 5", for EDC Plus (E0425671)	56
4.24.1	Connecting Adapter "Pentax 5"	57
4.25	Adapter "Pentax 6", for EDC Plus (E0425672)	58
4.25.1	Connecting Adapter "Pentax 6"	59
4.26	Adapter "Pentax 7", for EDC Plus (E0425673)	60
4.26.1	Connecting Adapter "Pentax 7"	61
4.27	Adapter "Pentax 8", for EDC Plus (WD25680A)	62
4.27.1	Connecting Adapter "Pentax 8"	63
4.28	Adapter "Pentax 11", for EDC Plus (WD25683A)	64
4.28.1	Connecting Adapter "Pentax 11"	65
4.29	Adapter "Pentax 14", for EDC Plus (WD25686A)	66
4.29.1	Connecting Adapter "Pentax 14"	67
4.30	Adapter "Karl Storz 1", for EDC Plus (E0425674)	68
4.30.1	Connecting Adapter "Karl Storz 1"	69
4.31	Adapter "Karl Storz 2", for EDC Plus (E0425675)	70
4.31.1	Connecting Adapter "Karl Storz 2"	71
4.32	Adapter "Karl Storz 3", for EDC Plus (WD25690A)	72
4.32.1	Connecting Adapter "Karl Storz 3"	73
4.33	Adapter "Karl Storz 4", for EDC Plus (WD25691A)	74
4.33.1	Connecting Adapter "Karl Storz 4"	75
4.34	Adapter "Karl Storz 5", for EDC Plus (WD25692A)	76
4.34.1	Connecting Adapter "Karl Storz 5"	77
4.35	Adapter "Richard Wolf 1", for EDC Plus (E0425678)	78
4.35.1	Connecting Adapter "Richard Wolf 1"	79
4.36	Intermediate piece EDC/EDC Plus adapter (W7132226)	80
4.37	Endoscopes without internal channels	81
5	Parameters for EDC Plus	82
5.1	Parameters for Olympus endoscope adapters	82
5.2	Parameters for Pentax endoscope adapters	83
5.3	Parameters for Fujifilm endoscope adapters	84
5.4	Parameters for Karl Storz endoscope adapters	85
5.5	Parameters for Richard Wolf endoscope adapters	85
5.6	Parameters for Endoscopes without channels	86
6	Parameters for EDC	87
6.1	Parameters for Olympus endoscope adapters	87
6.2	Parameters for Pentax endoscope adapters	88
6.3	Parameters for Fujifilm endoscope adapters	89
6.4	Parameters for Karl Storz endoscope adapters	90
6.5	Parameters for Richard Wolf endoscope adapters	90
6.6	Parameters for Endoscopes without channels	91
7	Manufacturer	92

1 General information

This product is under constant development. Even though all efforts are made to always update this adapter manual, we reserve the right to change technical data and equipment without previous announcement. This product is a non-medical device. All rights reserved.

1.1 User instructions

These instructions for use contain essential information on using these products safely and effectively. The complete set of instructions for use for these products consists of the following documents:

- EDC Plus instructions for use
- EDC Plus accessory manual
- EDC Plus adapter manual

In addition, for cleaning and disinfection of the products refer to EDC Plus instruction for use.



- Before use, thoroughly read these instructions for use and the instructions for use of all other products that will be used during the procedure.



- If the required instructions for use are missing, immediately contact your local Olympus representative.
- Keep the instructions for use in a safe, accessible location.

1.2 Signal words

The following signal words are used throughout these instructions for use:

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

NOTICE

Indicates a property damage message.

1.3 Conventions throughout this document



This is the safety alert symbol. It is used to alert the user to potential physical injury hazards. Observe all safety messages that follow this symbol to avoid possible injury.



This symbol indicates additional helpful information.

- 1) A numeration indicates a sequence of actions.
- Bullet points indicate the listing of data, options or objects.

2 Introduction

2.1 Safety information

Before using the adapters, read the EDC Plus instructions for use carefully to prevent injury to the user and damage to the equipment.

Always clean and disinfect all accessories before use (refer to EDC Plus instructions for use).

Carry out all activities with disinfected hands and using gloves.



NOTICE

Only trained staff is allowed to operate the EDC Plus.



NOTICE

Extreme care must be taken when using aggressive cleaning agents (refer to EDC Plus instructions for use).

Olympus will provide user training after installation of the EDC Plus. If you would appreciate any further support for regular training, please contact your local Olympus representative.

If you have any questions concerning the topics covered in this adapter manual or the operation or safety of the equipment, please contact your Olympus representative or the nearest Olympus office.

2.2 Intended use

Use EDC Plus adapters for endoscope channel drying of flexile medical endoscopes mentioned in this adapter manual only. Connect the adapter set like it is explained in this manual to ensure an adequate drying and storage of the endoscope.

2.3 Product liability

The manufacturer only assumes liability for the safety, reliability and performance of this equipment if:

- Installation, extension, readjustments, alterations or repairs are undertaken by technicians authorized by Olympus.
- The equipment is used according to the instructions given in this manual and the EDC Plus instructions for use.

3 Connect adapters and maintenance

3.1 Connecting of adapter hoses with EDC

EDC Plus adapter hoses can be connected with EDC by using an intermediate piece in between.

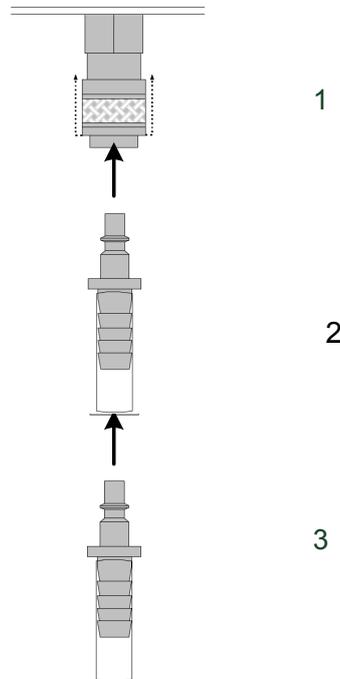


Figure 3.1: Connection of EDC Plus adapter hoses with EDC

- 1) Connector of EDC: Plug the intermediate piece in the connector of EDC.
- 2) Intermediate piece EDC/EDC Plus adapter.
- 3) EDC Plus adapter hoses: Plug the EDC Plus adapter nipple in the hose of the intermediate piece.

To disconnect the hoses from the EDC push the ring back to the wall, the connection loosens and the EDC Plus adapter hose can be taken out.



NOTICE

Do not remove the EDC Plus adapter or the intermediate piece with force. It can damage the adapter.

3.2 Connecting of adapter hoses with EDC Plus

Push the nipple in the connector to connect the adapter hose to the EDC Plus.
To disconnect the hoses on the endoscope hanger of the EDC Plus push the ring back to hanger, the connection nipple loosens and the adapter hose can be taken out.

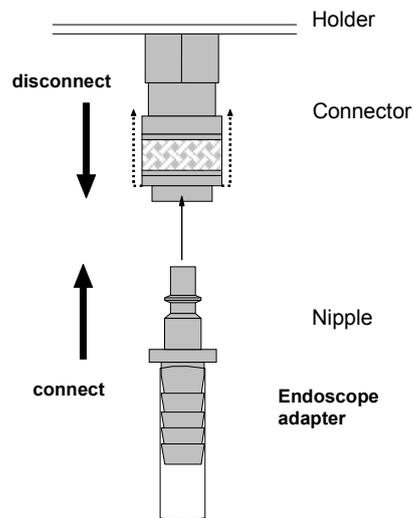


Figure 3.1: Nipple and connector



NOTICE

Do not remove the adapter hose with force from the nipple. It can damage the adapter.

3.3 Maintenance of adapters

Pay attention to all adapter sets if they still work properly e.g. discoloring or missing O-rings of the channel separator etc. Replace damaged parts immediately. Therefore, contact your Olympus representative and refer the EDC Plus instructions for use for more details.



WARNING

Risk of injury to the patient

The adapter sets must be cleaned and disinfected by wiping the outer surface prior to use or after every use. Once a week clean and disinfect the outer and inner surface of the adapter sets (refer to EDC Plus instructions for use).

The adapters are influenced by the dry air which blows through the hoses and the connectors. Replace the adapters after every third year.

On the nipple in the beginning of the adapter hose a colored hose is mounted which will be replaced by the manufacturer every year. In the following table the colored hose showing the exchange schedule:

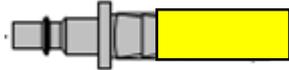
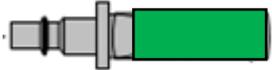
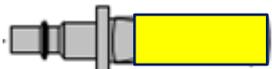
Year of Production	Colour of Adapter	Replace in year	Replace for colour
2019		2022	
2020		2023	
2021		2024	
2022		2025	
2023		2026	
2024		2027	
2025		2028	
2026		2028	

Table 3.1: Nipple and color scheme showing adapter hose replacement

4 Endoscope adapter sets for EDC / EDC Plus

4.1 Adapter "Olympus 1", for EDC Plus (E0425651)

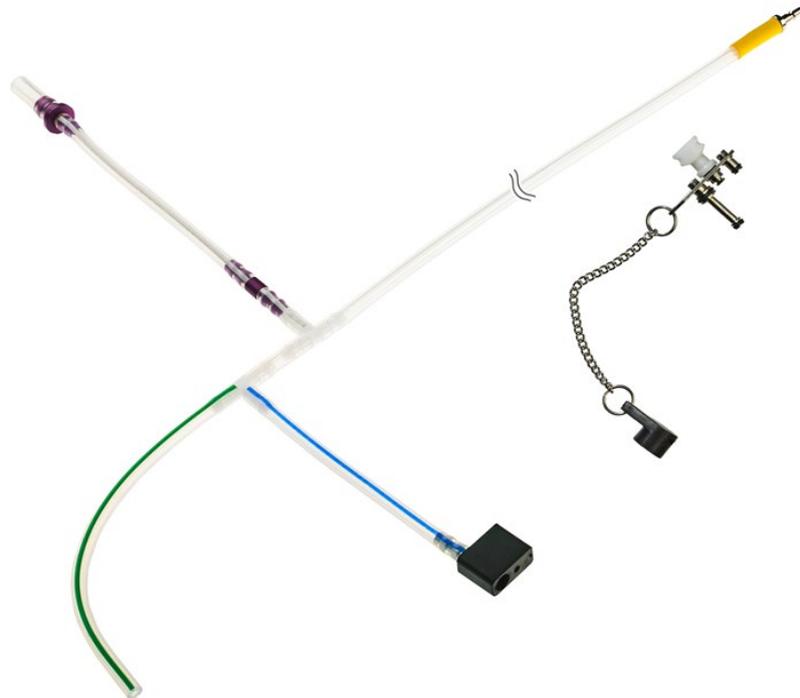


Figure 4.1: Adapter "Olympus 1" for standard GI endoscopes without auxiliary water channel

Suitable for the following Olympus endoscopes:

CF-140	CF-H260AZI	CF-Q240L	GIF-N180	GIF-Q260	GIF-XV10	PCF-240AL
CF-140I	CF-H260AZL	CF-Q240ZI	GIF-N260	GIF-Q40	PCF-140	PCF-PQ260L
CF-140L	CF-H260DI	CF-Q240ZL	GIF-P140	GIF-SP240	PCF-140AI	PCF-Q260AI
CF-140S	CF-H260DL	CF-Q260AI	GIF-PQ260	GIF-XP150N	PCF-140AL	PCF-Q260AL
CF-160DI	CF-H260I	CF-Q260AL	GIF-PQ260I	GIF-XP160	PCF-140I	PCF-S
CF-160DL	CF-H260L	CF-Q260DI	GIF-PQ260L	GIF-XP170N	PCF-140L	SIF-H190PS
CF-240AI	CF-LV1I	CF-Q260DL	GIF-Q140	GIF-XP180N	PCF-160AI	SIF-H290S
CF-240AL	CF-LV1L	CF-XQ260N	GIF-Q145	GIF-XP190N	PCF-160AL	SIF-Q140
CF-240DL	CF-Q140I	GIF-140	GIF-Q150	GIF-XP240	PCF-240	SIF-Q180
CF-240I	CF-Q140L	GIF-160	GIF-Q160	GIF-XP260	PCF-240I	SIF-Q240
CF-240L	CF-Q150I	GIF-180	GIF-Q160AL	GIF-XP260N	PCF-240L	SIF-Q245
CF-260AL	CF-Q150L	GIF-240	GIF-Q160Y9	GIF-XP260NS	PCF-240S	SIF-Q260
CF-260DL	CF-Q160Z	GIF-FQ260Z	GIF-Q160Z	GIF-XP290N	PCF-P240AI	TJF-180V
CF-40I	CF-Q160ZI	GIF-H170	GIF-Q165	GIF-XQ140	PCF-P240AL	TJF-Q180
CF-40L	CF-Q160ZL	GIF-H180	GIF-Q180	GIF-XQ160	PCF-PH190I	TJF-Q180V
CF-H260AI	CF-Q240AI	GIF-H185	GIF-Q240	GIF-XQ240	PCF-PH190L	TJF-Q190V
CF-H260AL	CF-Q240AL	GIF-H260	GIF-Q240X	GIF-XQ260	PCF-PQ260I	TJF-Q290V
CF-H260AXL	CF-Q240I	GIF-H290	GIF-Q240Z	GIF-XQ40	PCF-240AI	

4.1.1 Connecting Adapter "Olympus 1"

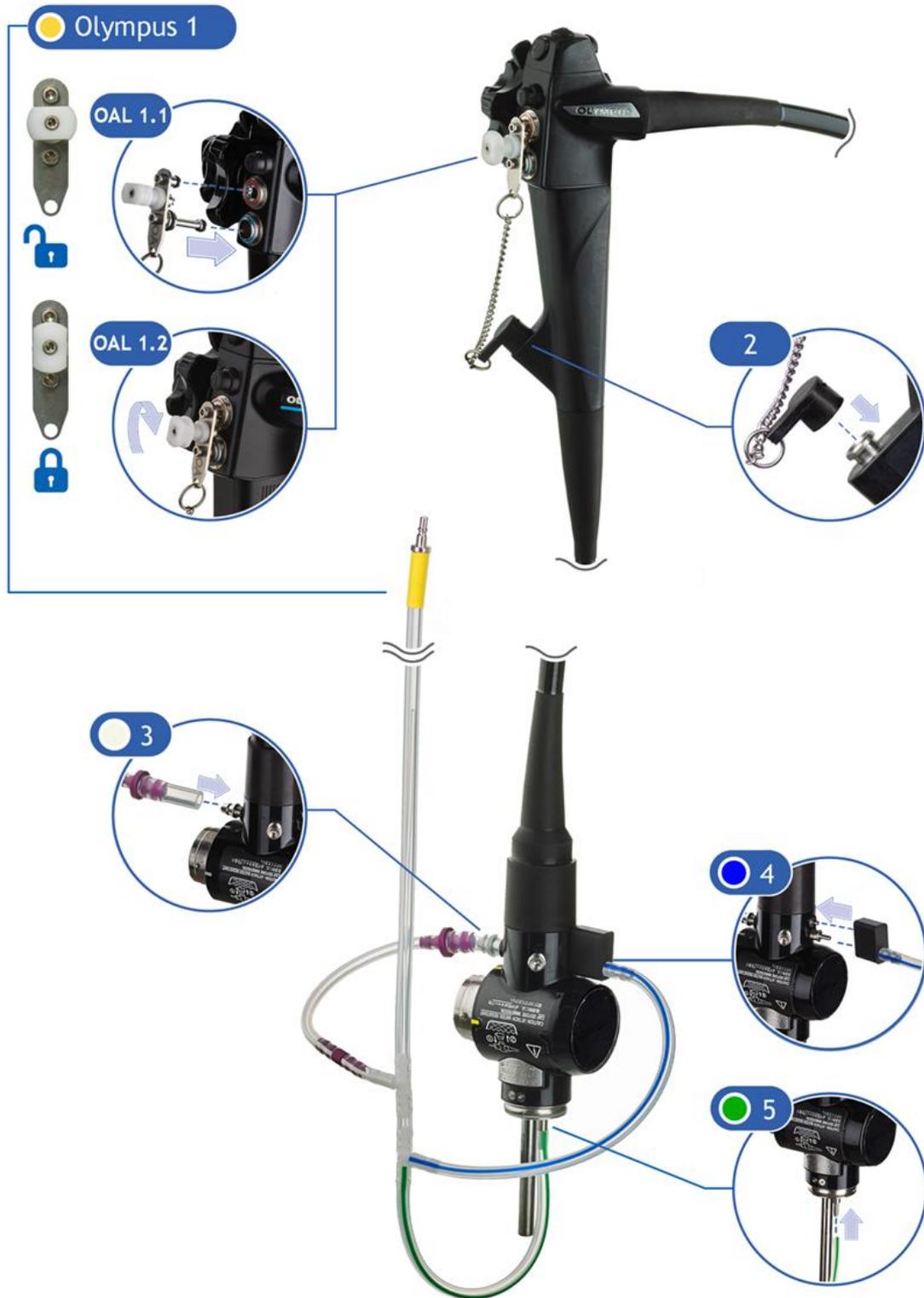


Figure 4.2: Connecting Adapter "Olympus 1" with the endoscope

4.2 Adapter "Olympus 2", for EDC Plus (E0425652)

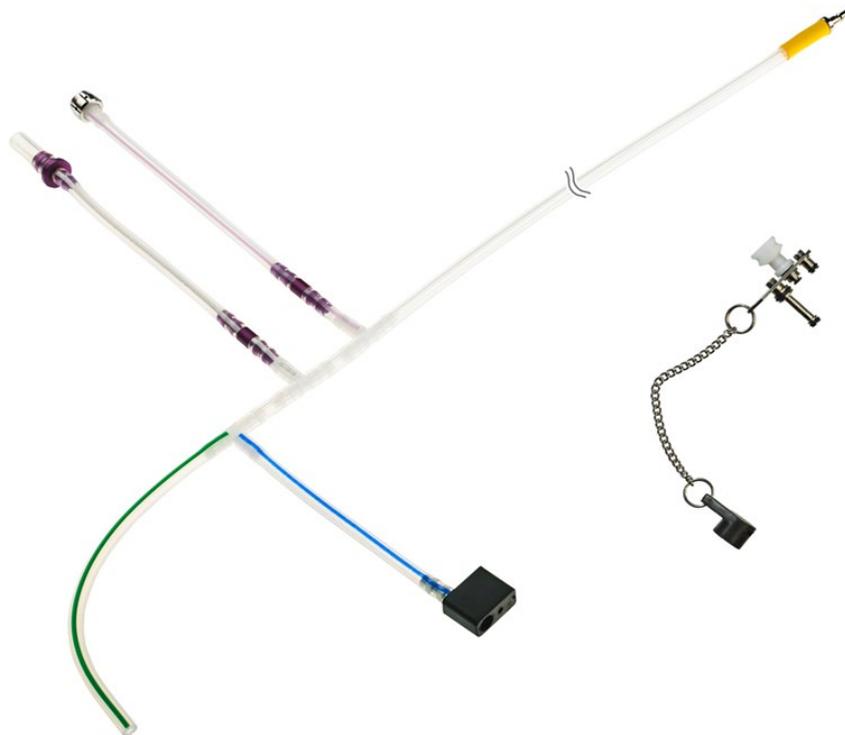


Figure 4.3: Adapter "Olympus 2" for standard GI endoscopes with auxiliary water channel

Suitable for the following Olympus endoscopes:

CF-180	CF-H290L	CF-Q165L	GIF-Q260J	PCF-HQ150AL
CF-FH260AZI	CF-HQ190I	CF-Q180	GIF-XTQ160	PCF-Q150AI
CF-FH260AZL	CF-HQ190L	CF-Q180AI	PCF-H180AI	PCF-Q160AI
CF-H170I	CF-HQ290I	CF-Q180AL	PCF-H180AL	PCF-Q160AL
CF-H170L	CF-HQ290L	CF-Q180L	PCF-H190DI	PCF-Q180AI
CF-H180AI	CF-HQ290ZI	GIF-1T160	PCF-H190DL	PCF-Q180AL
CF-H180AL	CF-HQ290ZL	GIF-1TH190	PCF-H190I	PCF-Q180L
CF-H180DI	CF-Q145I	GIF-1TQ160	PCF-H190L	PCF-Q260AZI
CF-H180DL	CF-Q160	GIF-H180AI	PCF-H190TI	PCF-Q260J
CF-H180I	CF-Q160AI	GIF-H180J	PCF-H190TL	PCF-Q260JI
CF-H180J	CF-Q160AL	GIF-H190	PCF-H290DI	PCF-Q260JL
CF-H180L	CF-Q160DI	GIF-H190L	PCF-H290DL	PSF-1
CF-H185I	CF-Q160DL	GIF-H260Z	PCF-H290I	TGF-UC180J
CF-H185L	CF-Q160I	GIF-H290EC	PCF-H290L	TGF-UC260J
CF-H190I	CF-Q160I2	GIF-H290T	PCF-H290TI	
CF-H190L	CF-Q160L	GIF-H290Z	PCF-H290TL	
CF-H290ECI	CF-Q160S	GIF-HQ190	PCF-H290ZI	
CF-H290I	CF-Q165I	GIF-HQ290	PCF-H290ZL	

4.2.1 Connecting Adapter "Olympus 2"

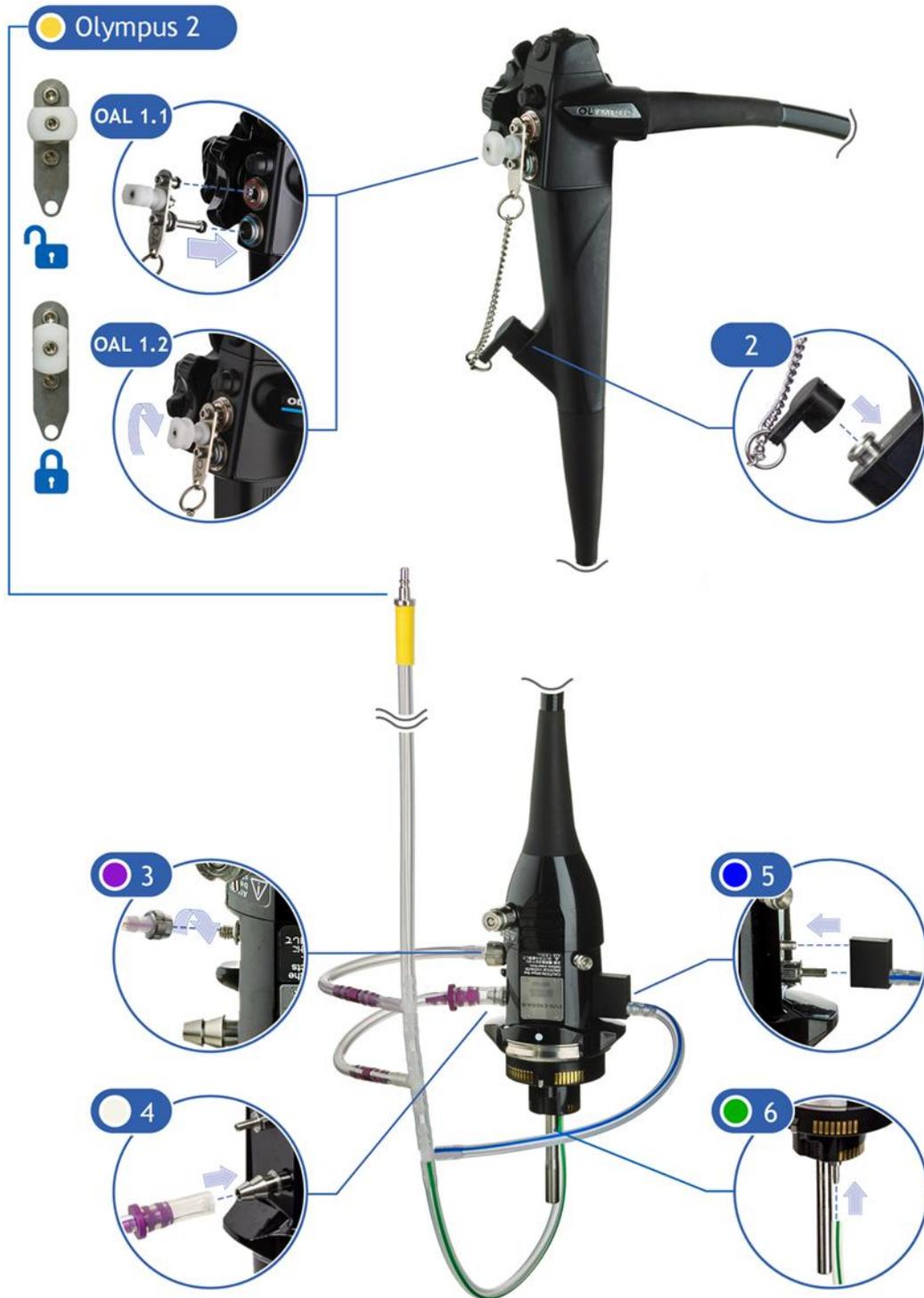


Figure 4.4: Connecting Adapter "Olympus 2" with the endoscope

4.3 Adapter "Olympus 3", for EDC Plus (E0425653)

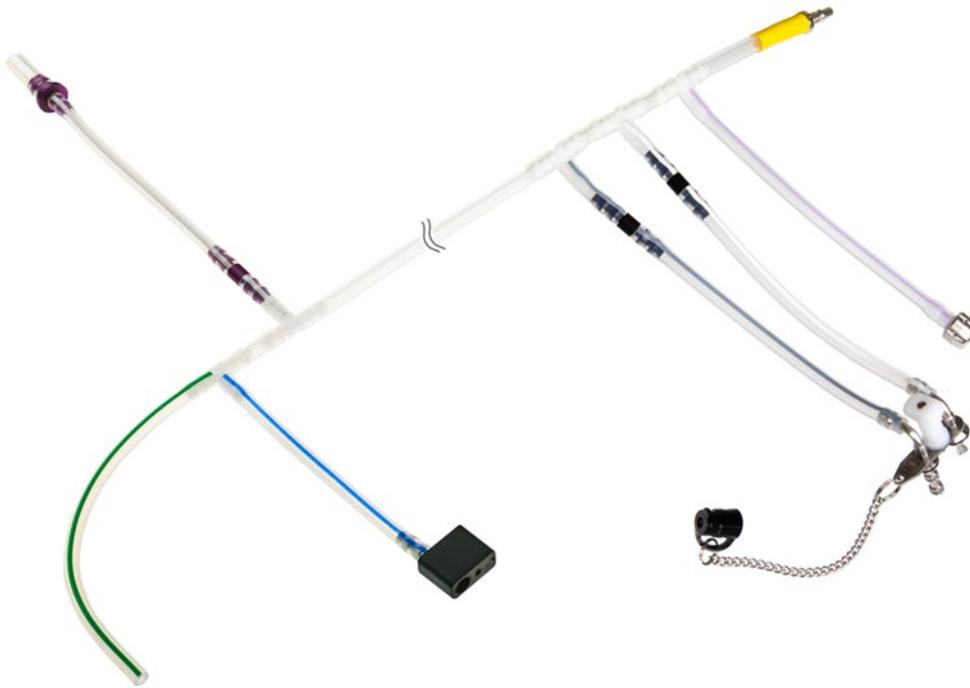


Figure 4.5: Adapter "Olympus 3" for EUS UC endoscopes

Suitable for the following Olympus endoscopes:

GF-UC140P	GF-UC240P-AL5
GF-UC140P-AL5	GF-UCT140
GF-UC140P-DO5	GF-UCT140-AL5
GF-UC140T-AL5	GF-UCT140-DO5
GF-UC160-AT8	GF-UCT160-AL5
GF-UC160F-OL8	GF-UCT160-AL8
GF-UC160P-AL5	GF-UCT160-AT8
GF-UC160P-AT8	GF-UCT160-OL5
GF-UC160P-OL5	GF-UCT180
GF-UC180P	GF-UCT2000-AL5
GF-UC2000-OL5	GF-UCT2000-OL5
GF-UC2000P-GF	GF-UCT240-AL5
GF-UC2000P-OL5	GF-UCT260
GF-UC240-AL5	

4.3.1 Connecting Adapter "Olympus 3"

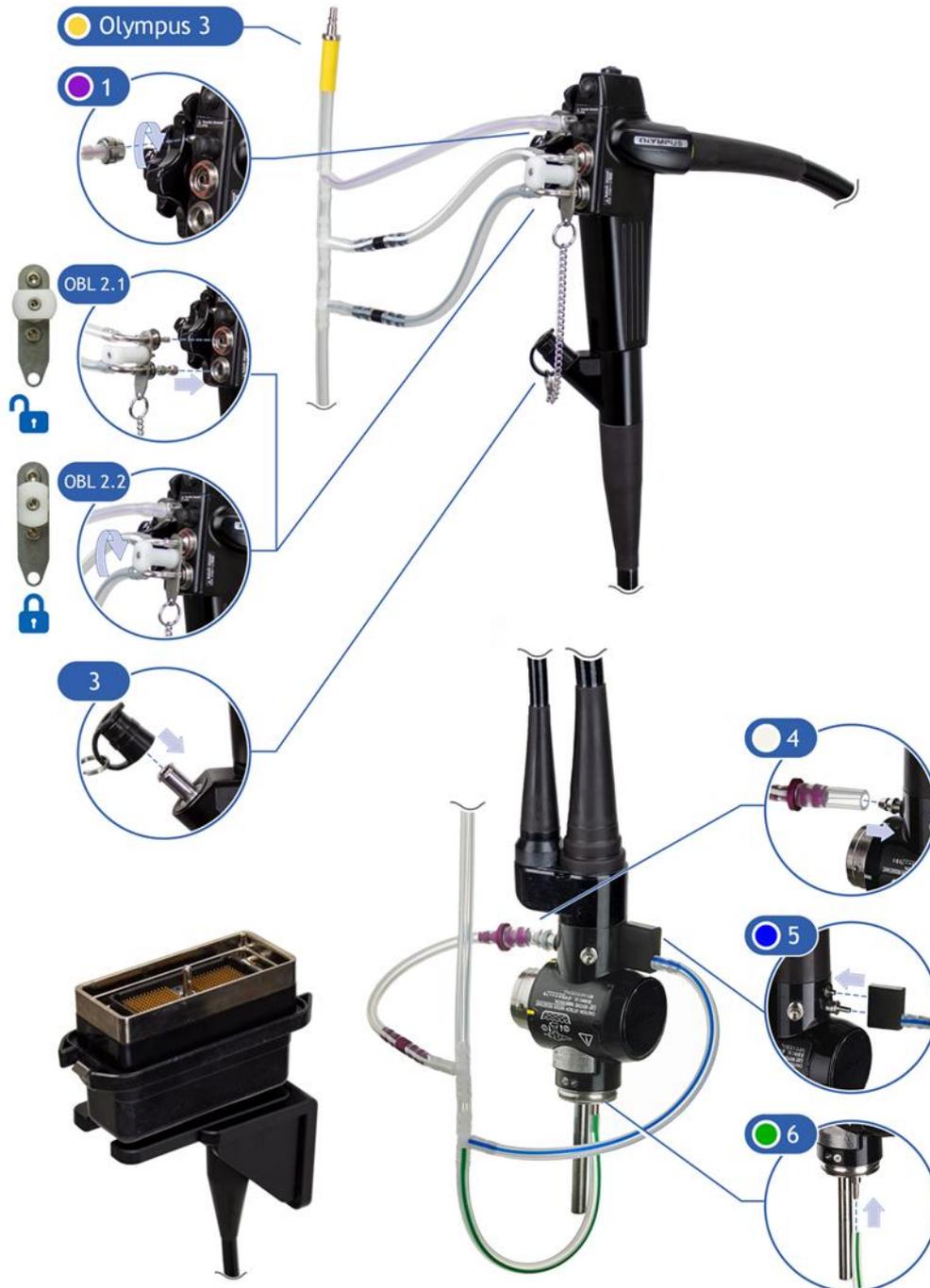


Figure 4.6: Connecting Adapter "Olympus 3" with the endoscope



NOTICE

See EDC Plus accessory manual for additional information about holders for a second scope connector.

4.4 Adapter "Olympus 4", for EDC Plus (E0425654)

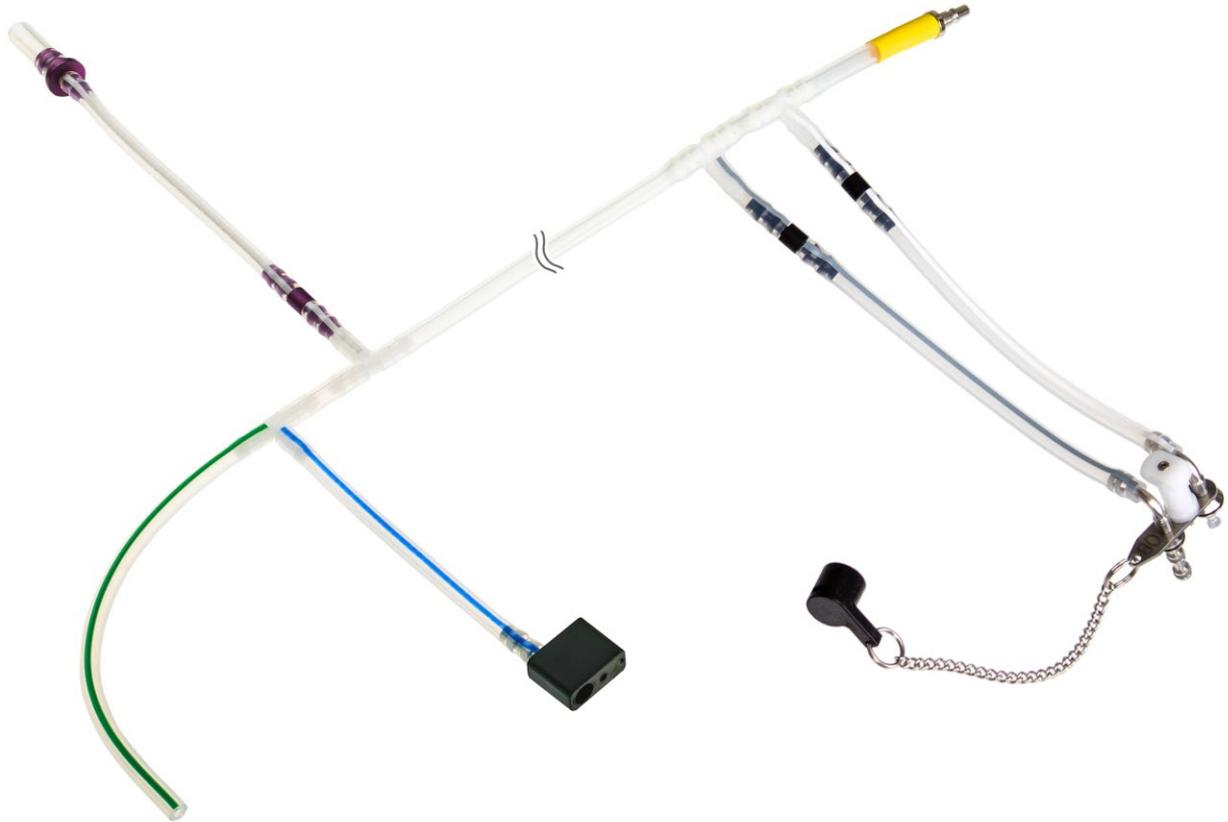


Figure 4.7: Adapter "Olympus 4" for GF-UM endoscopes

Suitable for the following Olympus endoscopes:

GF-UE140P	GF-UM160
GF-UE160	GF-UM2000
GF-UE160-AL5	GF-UM240
GF-UE165-AL5	GF-UMD140P
GF-UE190	GF-UMD240P
GF-UE260-AL5	GF-UMQ240
GF-UE265-AL5	
GF-UE290	

4.4.1 Connecting Adapter "Olympus 4"



Figure 4.8: Connecting Adapter "Olympus 4" with the endoscope



NOTICE

See EDC Plus accessory manual for additional information about holders for a second scope connector.

4.5 Adapter "Olympus 5", for EDC Plus (E0425655)

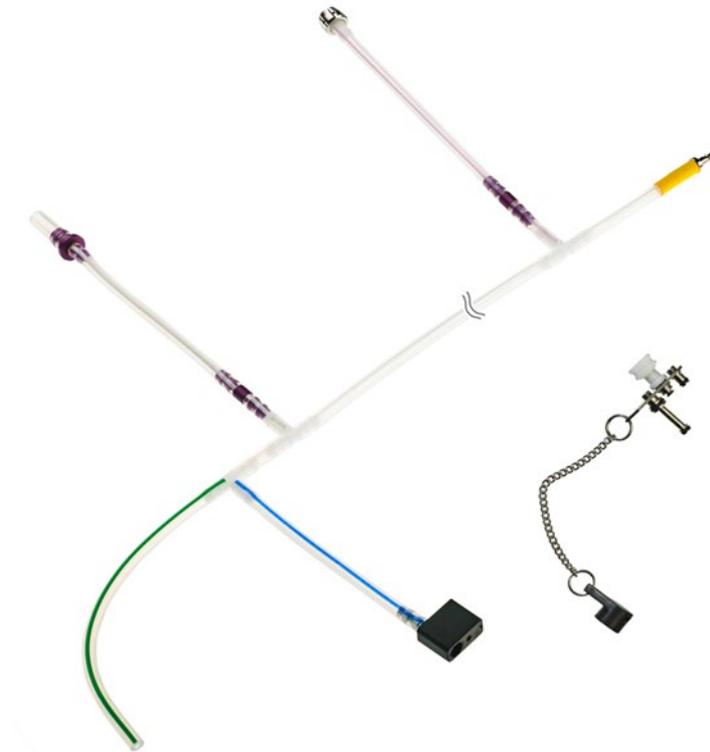


Figure 4.9: Adapter "Olympus 5" for JF/TJF endoscopes

Suitable for the following Olympus endoscopes:

CF-1T140I	PJF-240
CF-1T140L	TJF-140
GIF-1T140	TJF-140F
GIF-1T140I	TJF-140R
GIF-1T140L	TJF-145
GIF-1T240	TJF-150
GIF-KH260	TJF-160F
GIF-XK240	TJF-160R
JF-140	TJF-160VF
JF-140F	TJF-160VR
JF-140R	TJF-240
JF-1T40	TJF-260V
JF-240	
JF-260V	
PJF-160	

4.5.1 Connecting Adapter "Olympus 5"

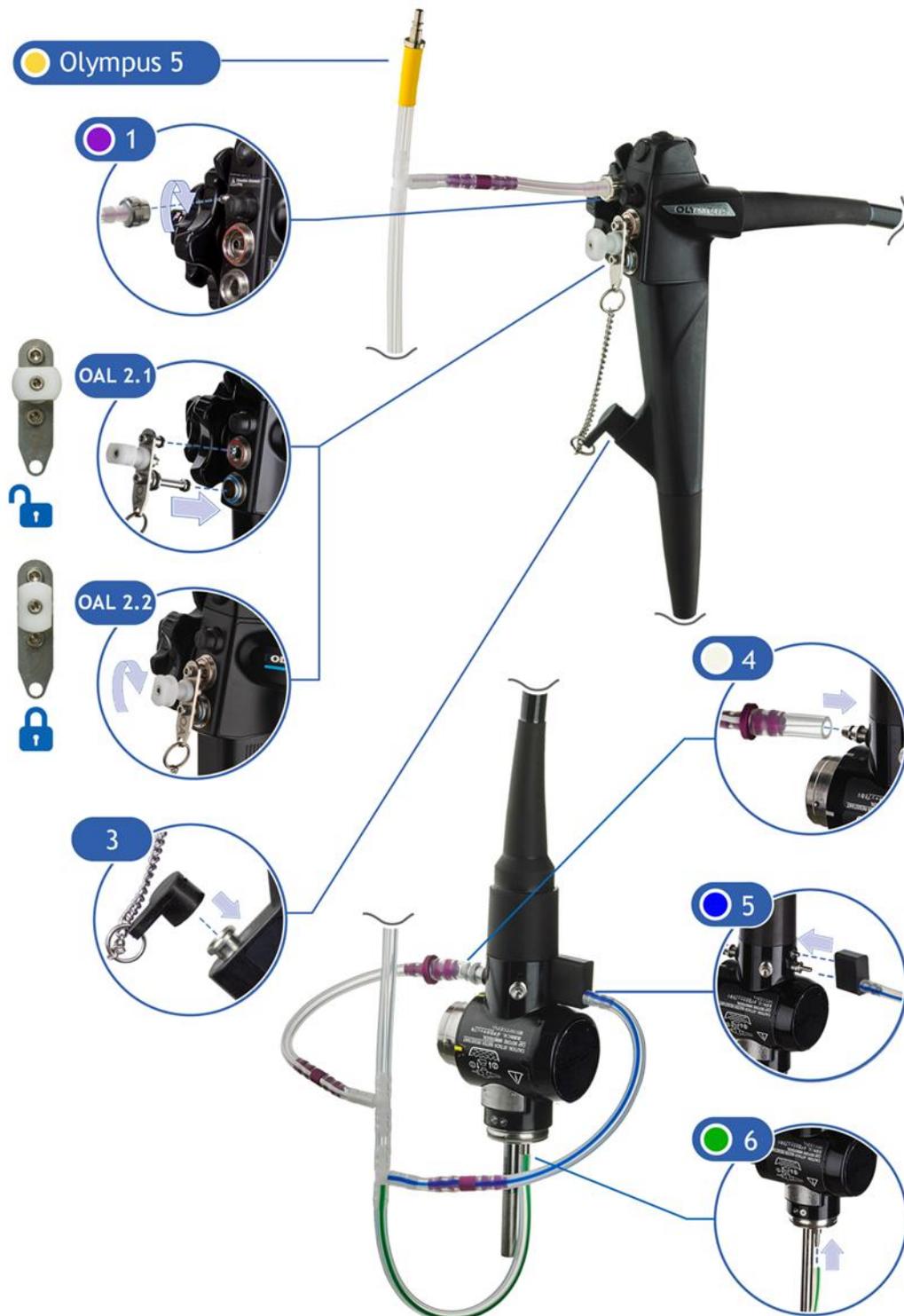


Figure 4.10: Connecting Adapter "Olympus 5" with the endoscope

4.6 Adapter "Olympus 6", for EDC Plus (E0425656)

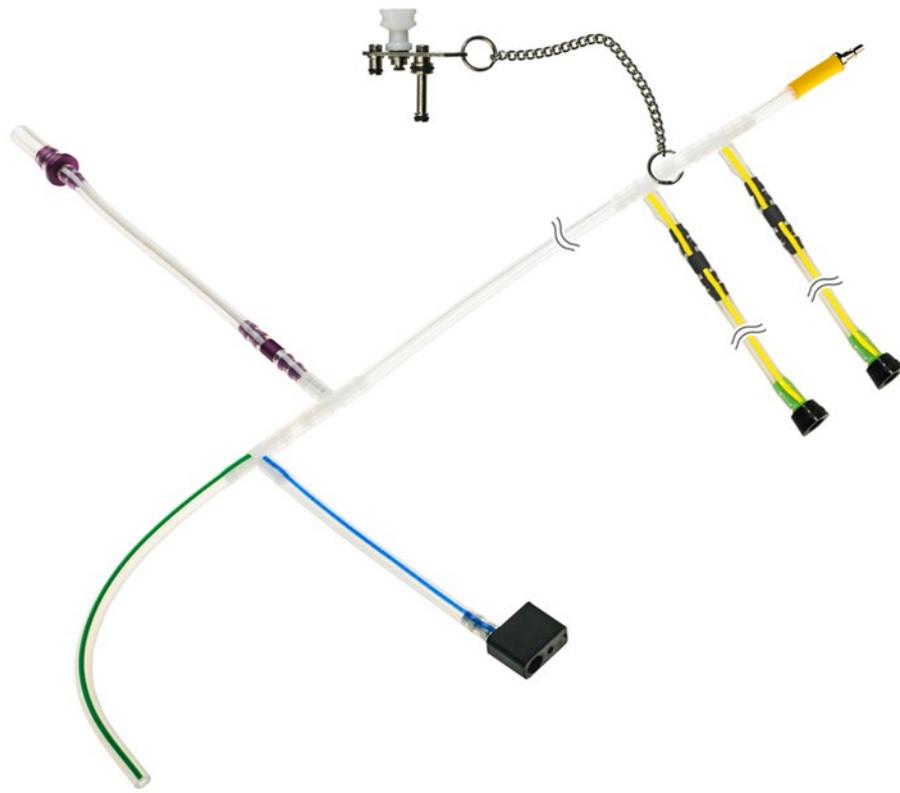


Figure 4.11: Adapter "Olympus 6" for CF-2T endoscopes

Suitable for the following Olympus endoscopes:

CF-2T140
CF-2T140L
CF-2T160I
CF-2T160L

4.6.1 Connecting Adapter "Olympus 6"

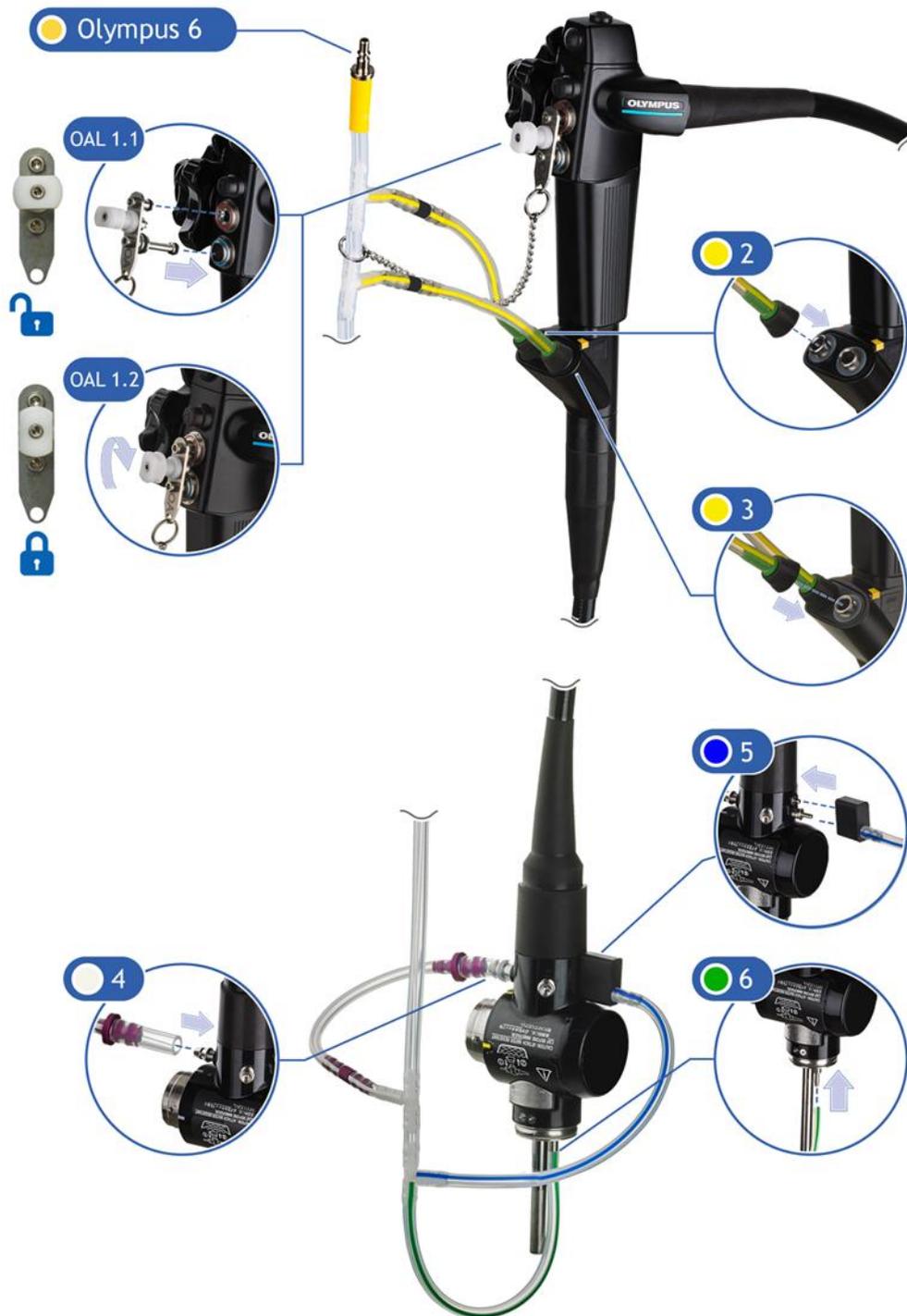


Figure 4.12: Connecting Adapter "Olympus 6" with the endoscope

4.7 Adapter "Olympus 7", for EDC Plus (E0425657)

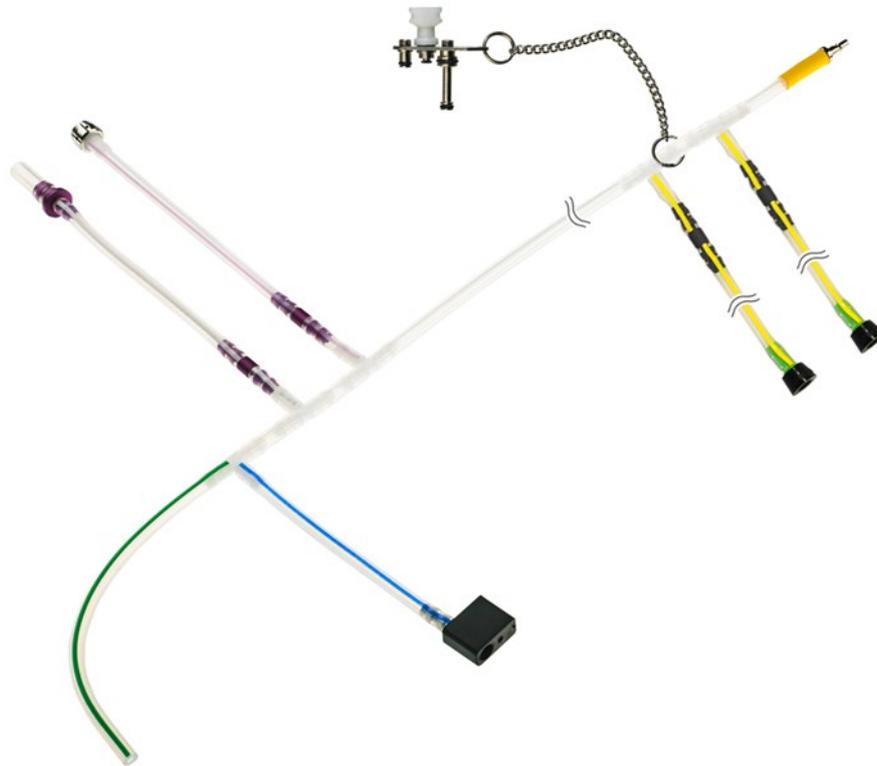


Figure 4.13: Adapter "Olympus 7" for GIF-2T endoscopes

Suitable for the following Olympus endoscopes:

GIF-2T160
GIF-2T160CF
GIF-2T160I
GIF-2T160L
GIF-2TH180
GIF-2TQ260M

4.7.1 Connecting Adapter "Olympus 7"

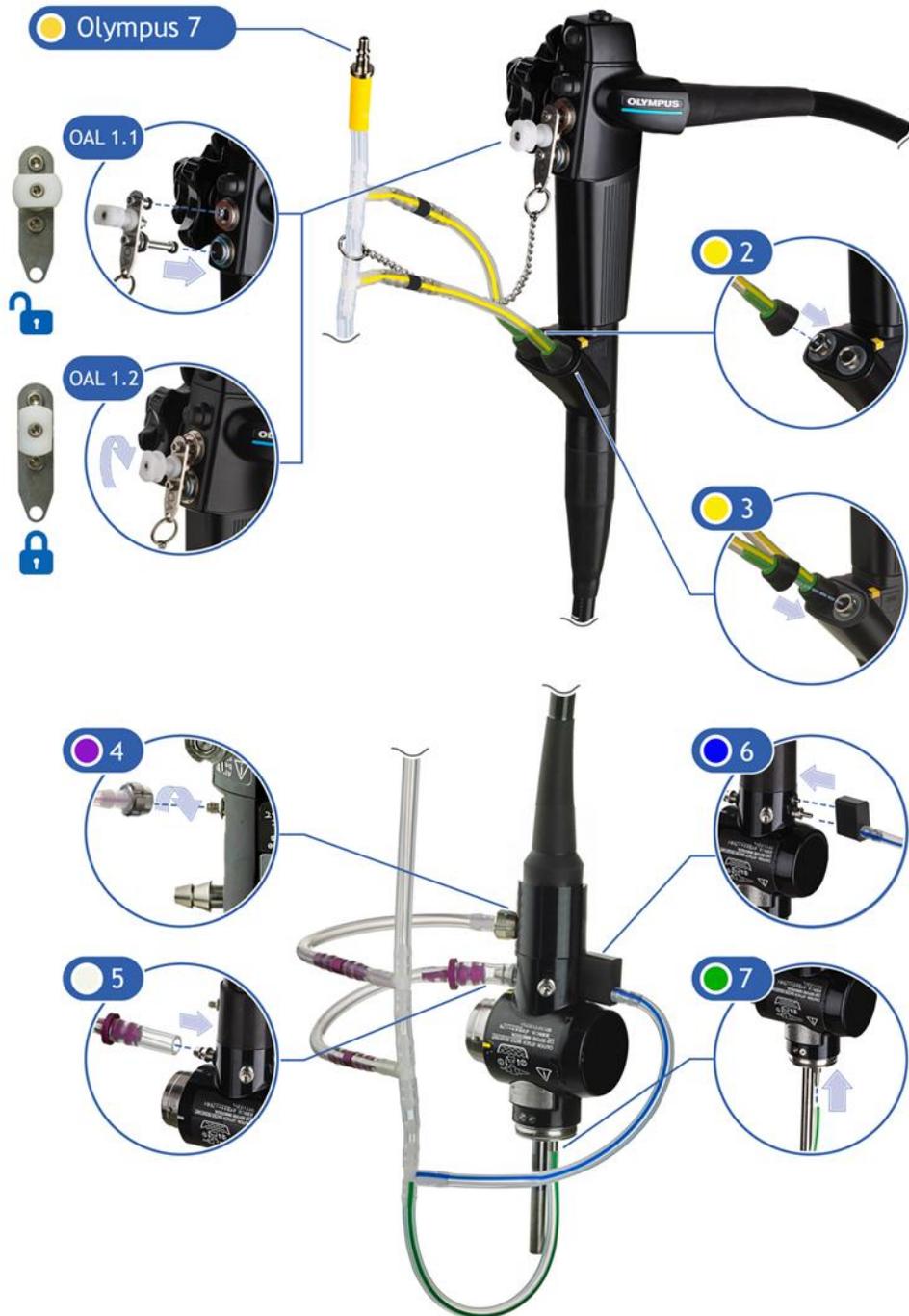


Figure 4.14: Connecting Adapter "Olympus 7" with the endoscope

4.8 Adapter "Olympus 8", for EDC Plus (E0425658)

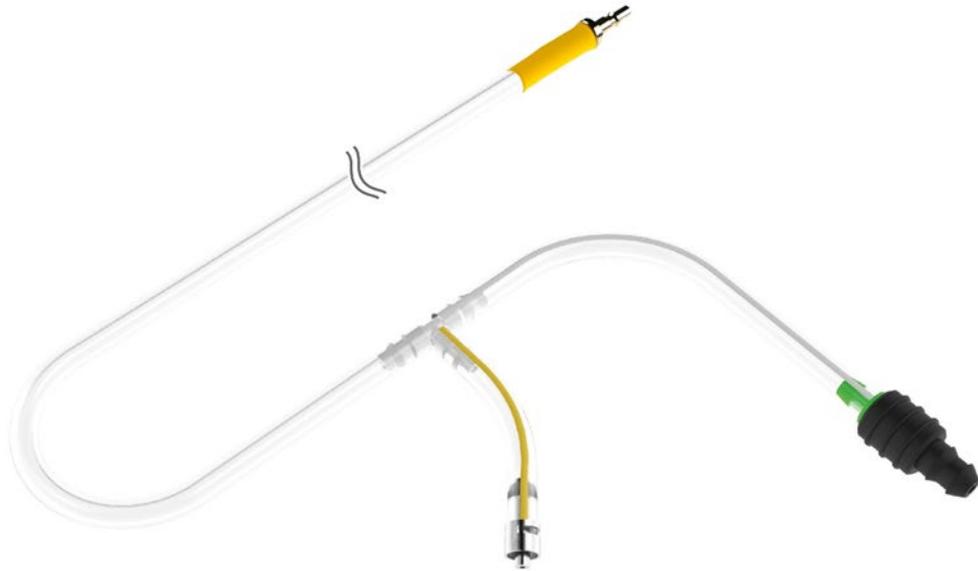


Figure 4.15: Adapter "Olympus 8" for CYF-VA endoscopes

Suitable for the following Olympus endoscopes:

CHF-240	CYF-V2A
CHF-P160	CYF-VA
CHF-P60	CYF-VA2
CHF-V	CYF-VHA
CYF-240A	LF-V
CYF-2A	MAF-DM2
CYF-3A	MAF-GM
CYF-4A	MAF-GM2
CYF-5A	
CYF-GP	

4.8.1 Connecting Adapter "Olympus 8"

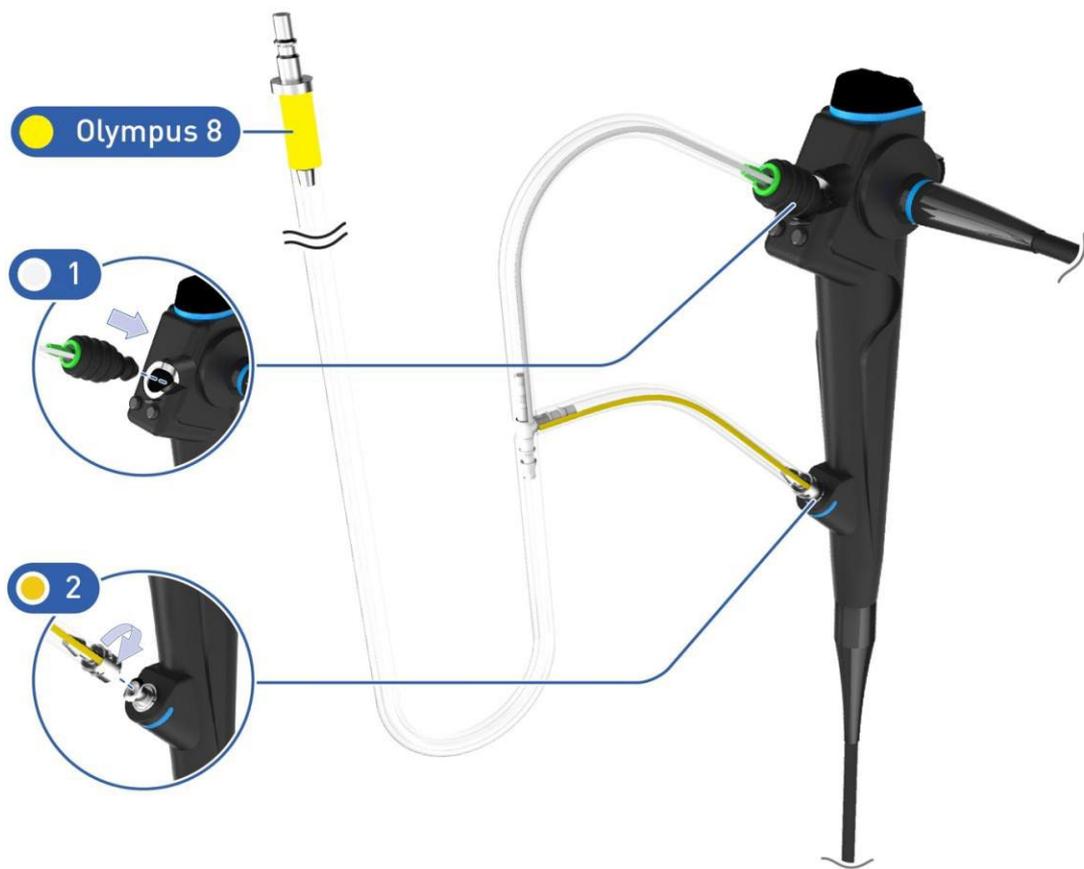


Figure 4.16: Connecting Adapter "Olympus 8" with the endoscope

4.9 Adapter "Olympus 9", for EDC Plus (E0425659)



Figure 4.17: Adapter "Olympus 9", for EDC Plus for BF endoscopes

Suitable for the following Olympus endoscopes:

BF-140	BF-1T40	BF-3C40	BF-P160	BF-Q180AC	BF-XT30
BF-160	BF-1T60	BF-40	BF-P180	BF-Q190	BF-XT40
BF-180	BF-1TH190	BF-6C240	BF-P180AC	BF-Q290	ENF-VT
BF-190	BF-1TH290	BF-6C260	BF-P190	BF-TE	ENF-VT2
BF-1T130	BF-1TQ170	BF-F260	BF-P200	BF-TE2	ENF-VT3
BF-1T140	BF-1TQ180	BF-H190	BF-P240	BF-XP160	LTF-160
BF-1T150	BF-1TQ190	BF-H290	BF-P260F	BF-XP160F	LTF-240
BF-1T160	BF-1TQ290	BF-MP160	BF-P290	BF-XP190	LTF-260
BF-1T180	BF-200	BF-MP160F	BF-P30	BF-XP260F	LTF-H290
BF-1T200	BF-240	BF-MP190	BF-P40	BF-XP290	MAF-GM
BF-1T240	BF-240AWY1	BF-MP190F	BF-P60	BF-XP30	MAF-TM
BF-1T260	BF-260	BF-MP290	BF-PE	BF-XP40	
BF-1T290	BF-30	BF-MP290F	BF-PE2	BF-XP60	
BF-1T30	BF-3C160	BF-MP60	BF-Q170	BF-XT160	
BF-1T30D	BF-3C30	BF-P150	BF-Q180	BF-XT190	

4.9.1 Connecting Adapter "Olympus 9"



Figure 4.18: Connecting Adapter "Olympus 9" with the endoscope



NOTICE

See EDC Plus accessory manual for additional information about holders for a second scope connector.

4.10 Adapter "Olympus 11", for EDC Plus (E0425661)



Figure 4.19: Adapter "Olympus 11" for BF-UC endoscopes

Suitable for the following Olympus endoscopes:

BF-UC160AL5
BF-UC160F-OL8
BF-UC180F
BF-UC180F-A
BF-UC180F-Q
BF-UC190F
BF-UC2
BF-UC260F-OL8
BF-UC260FW
BF-UC290F
BF-UC40P-1
BF-UM40

4.10.1 Connecting Adapter "Olympus 11"



Figure 4.20: Connecting Adapter "Olympus 11" with the endoscope



NOTICE

See EDC Plus accessory manual for additional information about holders for a second scope connector.

4.11 Adapter "Olympus 12", for EDC Plus (E0425662)



Figure 4.21: Adapter "Olympus 12", for EDC Plus for URF endoscopes

Suitable for the following endoscopes:

Olympus			Fujifilm	Richard Wolf	Karl Storz
CHF-10	CYF-V	URF-P6	CHO-SP	7223-001	11264-BB
CHF-10L	CYF-V2	URF-P6R	EH-270S	7305.001	11264-BB1
CHF-B260	CYF-V2R	URF-P7	EH-270T	7305.0011	11264-BB2
CHF-BP160	CYF-VH	URF-P7R	EY-270B	7305.006	11264-BB3
CHF-BP260	CYF-VHR	URF-V	EY-270S	7305.0061	11264-BB4
CHF-CB20	HYF-P	URF-V2	EY-470S/B	7305.781	11264-BBU1
CHF-CB30L	HYF-V	URF-V2/R	FH-120S	7325.072	11264-BI1
CHF-CB30S	HYF-XP	URF-V3	Pentax	7325.122	11277-A
CHF-P10	PF-28	URF-V3R	FHY-10RP	7325.152	11277-AU
CYF-2	RU-12M-R1	CHF-B290	FNL-10RAP	7325.172	11301-AB
CYF-200	RU-75M-R1		FNL-13RAP	7330.052	11301-AB1
CYF-240	URF-P			7330.072	11301-ABD1
CYF-3	URF-P2				11301-ABN
CYF-4	URF-P3				11301-ABN1
CYF-5	URF-P4				11301-ABP
CYF-5R	URF-P5				11301-ABP1
					11303-BD1
					11303-BDD1

4.11.1 Connecting Adapter "Olympus 12"

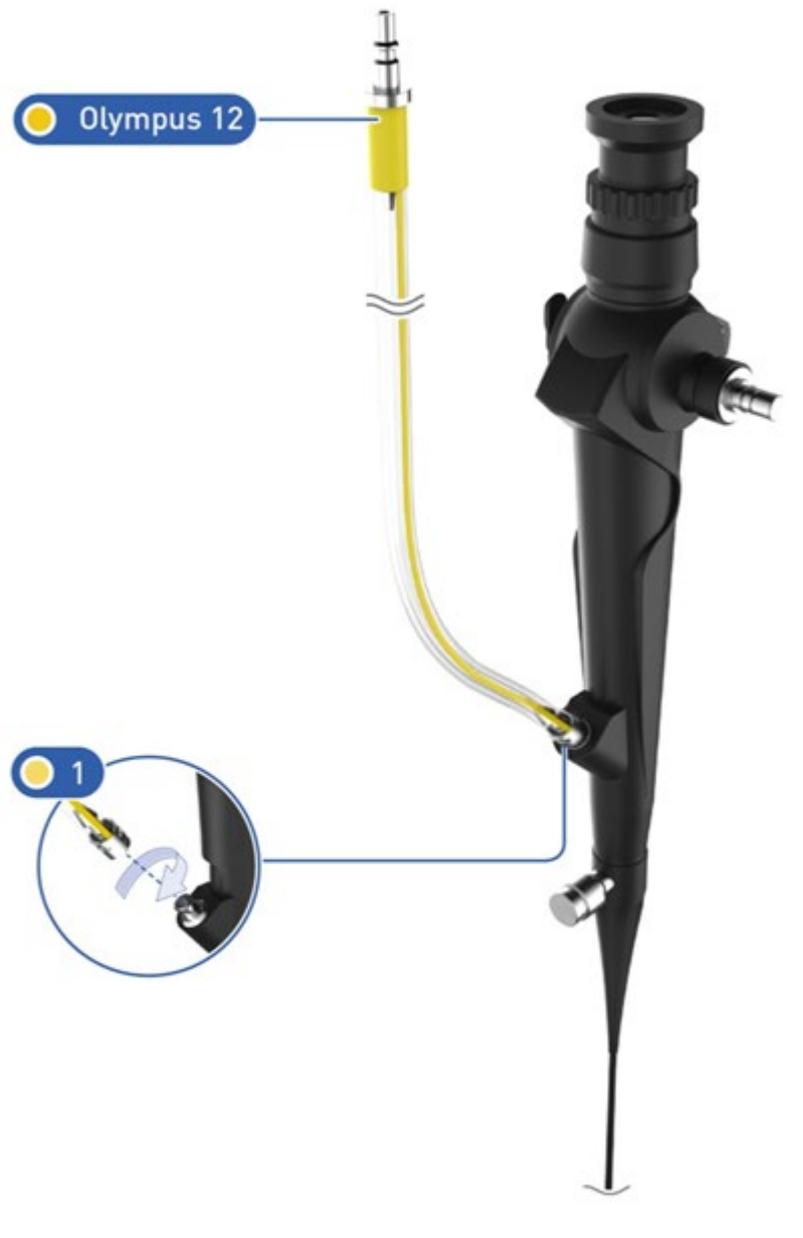


Figure 4.22: Connecting Adapter "Olympus 12" with the endoscope

4.12 Adapter "Olympus 13", for EDC Plus (E0425663)

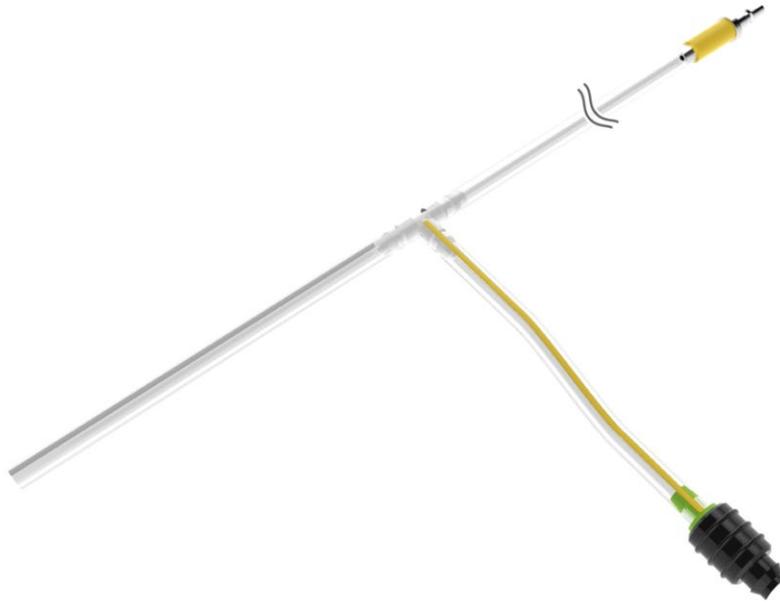


Figure 4.23: Adapter "Olympus 13" for LF-GP endoscopes

Suitable for the following Olympus endoscopes:

BF-10	ENF-1T10
BF-1T10	ENF-2
BF-1T20	ENF-T
BF-1TR	ENF-T3
BF-20	ENF-TP
BF-2T10	LF-1
BF-3C10	LF-2
BF-3C20	LF-DP
BF-6C10	LF-GP
BF-6C20	LF-T
BF-P10	LF-TP
BF-P20	SIF-SW

4.12.1 Connecting Adapter "Olympus 13"

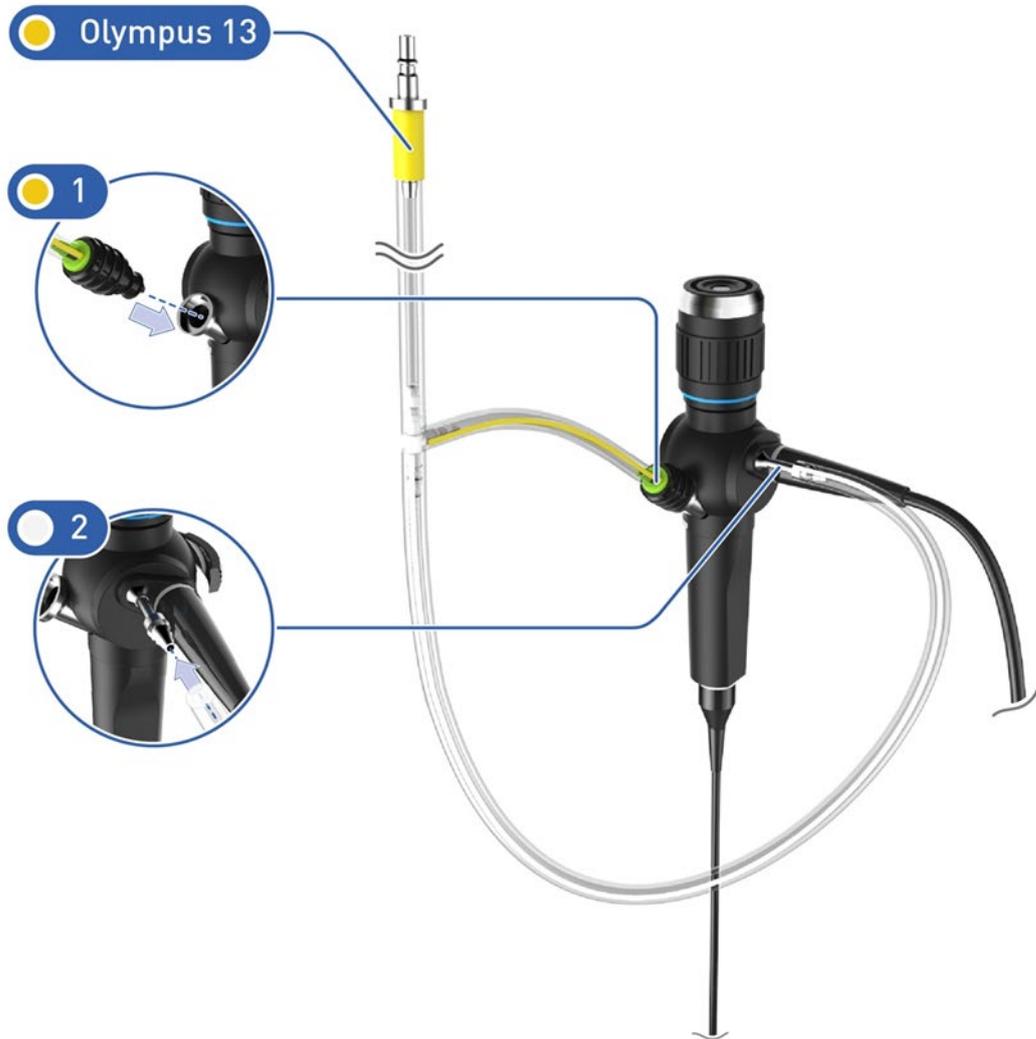


Figure 4.24: Connecting Adapter "Olympus 13" with the endoscope

4.13 Adapter “Olympus 15”, for EDC Plus (WD25661A)

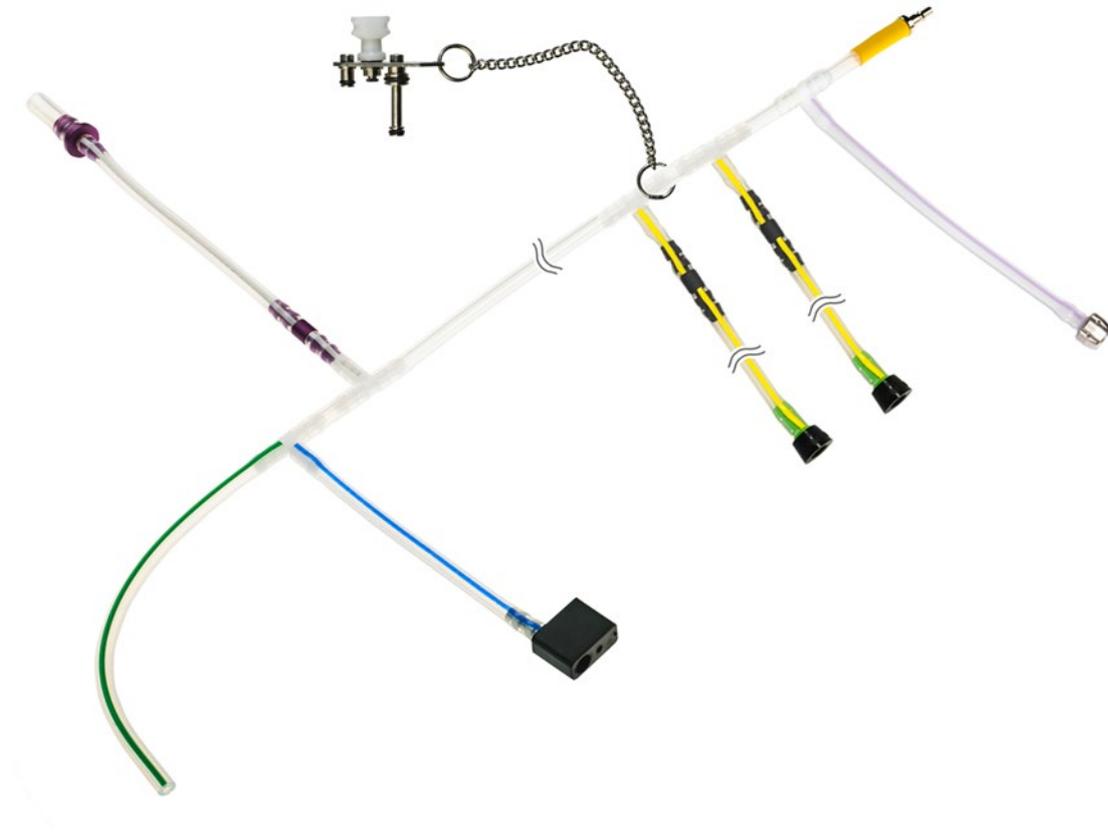


Figure 4.25: Adapter "Olympus 15"

Suitable for the following Olympus endoscopes:

GIF-2T240

4.13.1 Connecting Adapter "Olympus 15"

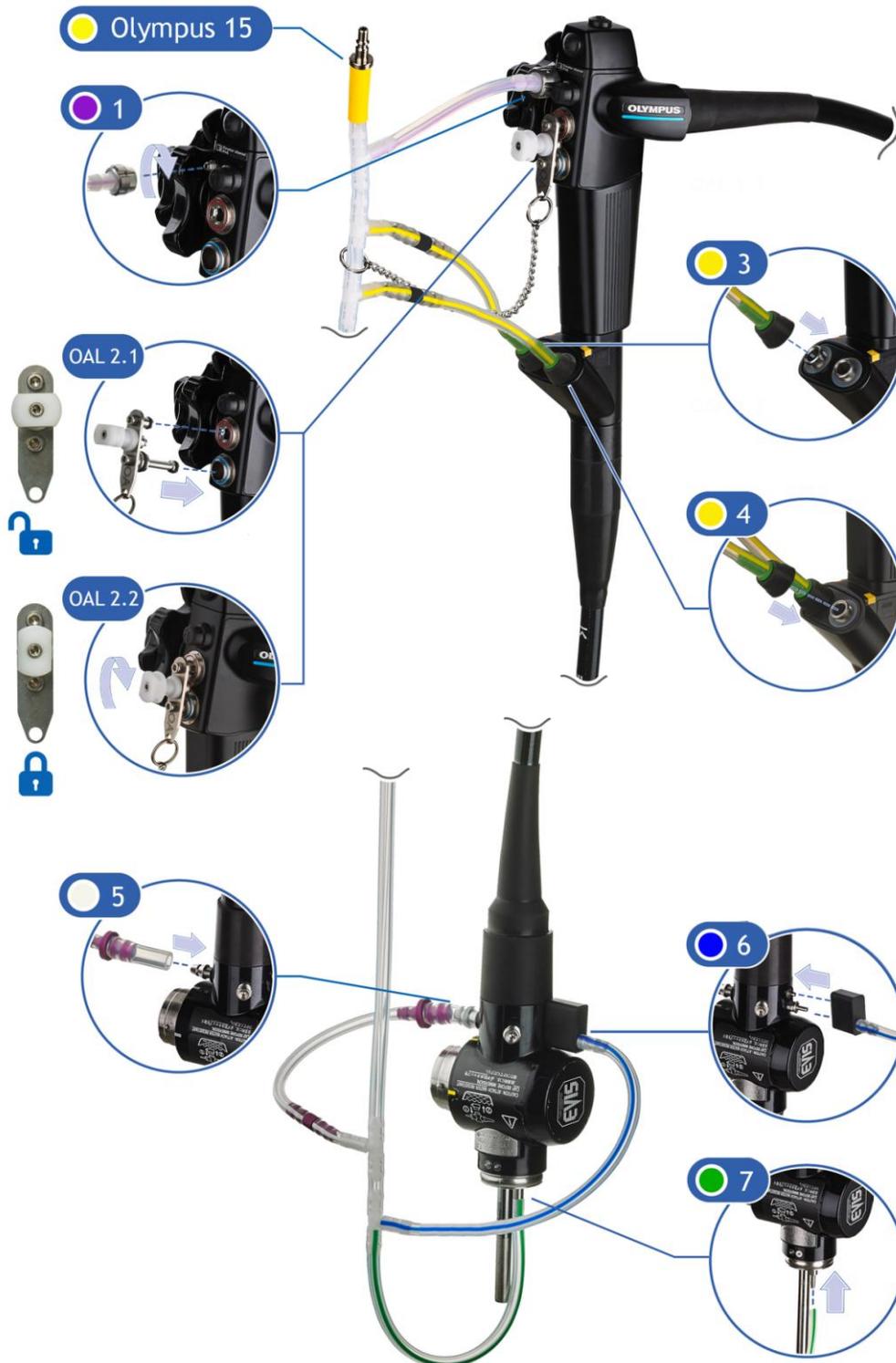


Figure 4.26: Connecting Adapter "Olympus 15" with the endoscope

4.14 Adapter "Fujifilm 1", for EDC Plus (E0425664)

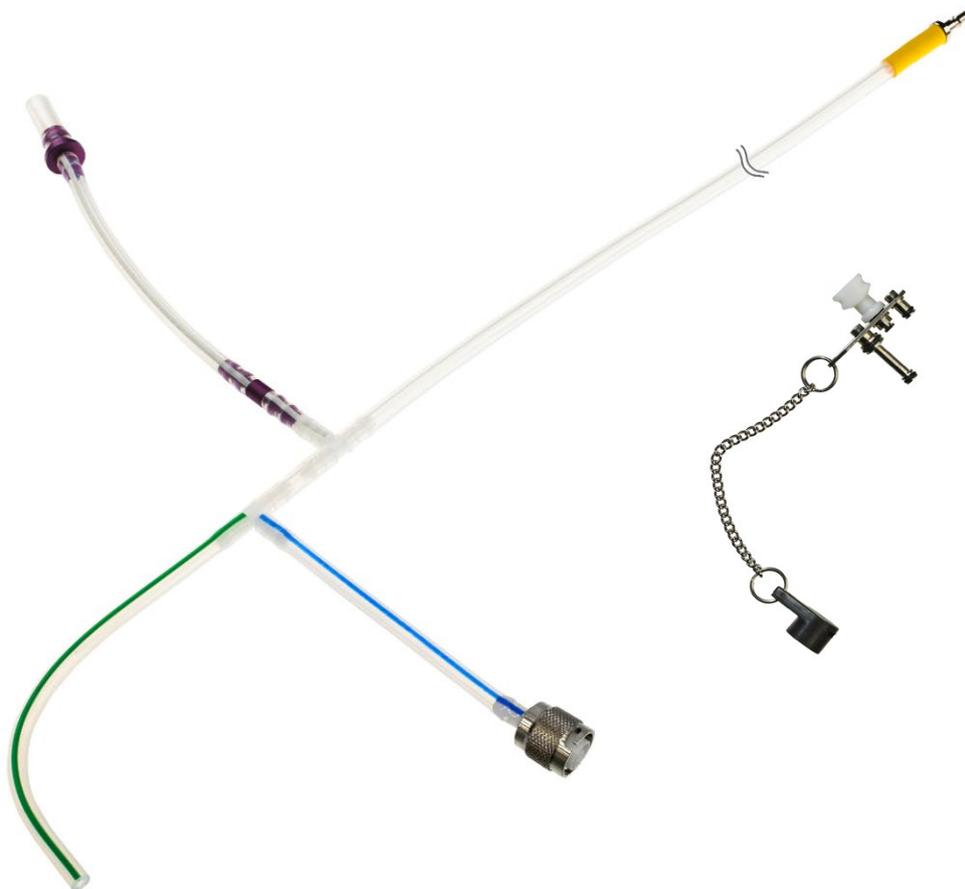


Figure 4.27: Adapter "Fujifilm 1" for EG endoscopes

Suitable for the following Fujifilm endoscopes:

EC-450LP5	ED-250XL5	ED-530XT8	EG-485ZH	EG-580NW2
EC-450MP5	ED-250XL8	EG-250PE5	EG-485ZW	EG-590WR
EC-450ZW5	ED-250XL8/B	EG-250W5	EG-490WR5	EG-590WR5
EC-450ZW5/L	ED-250XT5	EG-250WR5	EG-490ZW5	EG-590ZW
EC-450ZW5/M	ED-250XT5 YAG	EG-270N5	EG-490ZW5-M	EG-590ZW5
EC-485ZW	ED-250XT8	EG-270NH5	EG-530FP	EG-L590WR
EC-490ZW5	ED-250XT8/B	EG-450PE5	EG-530HL	EG-L590ZW
EC-490ZW5L	ED-450XL5	EG-450WR5	EG-530N	EN-410WM5
EC-490ZW5M	ED-450XL8/B	EG-450ZW5	EG-530NH	EN-410WM5/23
EC-530HL	ED-450XT5	EG-450ZW5/L	EG-530NP	
EC-530LP	ED-450XT8	EG-470N5	EG-530NW	
EC-530M	ED-450XT8/B	EG-470NH5	EG-530WR	
EC-530MP	ED-530XT	EG-485HR	EG-530WR5	

4.14.1 Connecting Adapter "Fujifilm 1"



Figure 4.28: Connecting Adapter "Fujifilm 1" with the endoscope



NOTICE

See EDC Plus accessory manual for additional information about holders for a second scope connector.

4.15 Adapter "Fujifilm 2", for EDC Plus (E0425665)

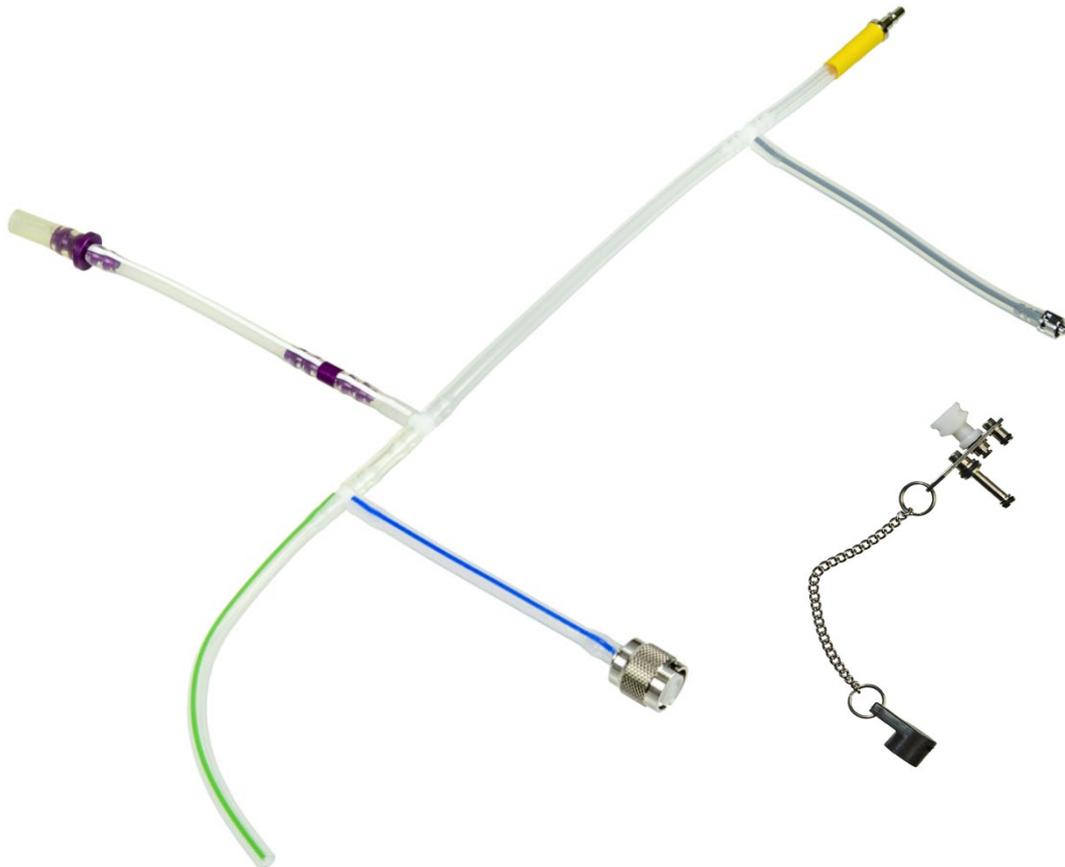


Figure 4.29: Adapter "Fujifilm 2"for EC endoscopes

Figure 4.27:

Suitable for the following Fujifilm endoscopes:

EC-450B15	EN-450W5
EG-470	EN-450WM23
EN-450P5/20	FD-1Z
EN-450T5	
EN-450T5/W	

4.15.1 Connecting Adapter "Fujifilm 2"



Figure 4.30: Connecting Adapter "Fujifilm 2" with the endoscope

4.16 Adapter "Fujifilm 3", for EDC Plus (E0425666)



Figure 4.31: Adapter "Fujifilm 3" for EB endoscopes

Suitable for the following Fujifilm endoscopes:

EO-279F
FH-120T
FO-120S

4.16.1 Connecting Adapter "Fujifilm 3"



Figure 4.32: Connecting Adapter "Fujifilm 3" with the endoscope



NOTICE

See EDC Plus accessory manual for additional information about holders for a second scope connector.

4.17 Adapter “Fujifilm 6”, for EDC Plus (WD25672A)

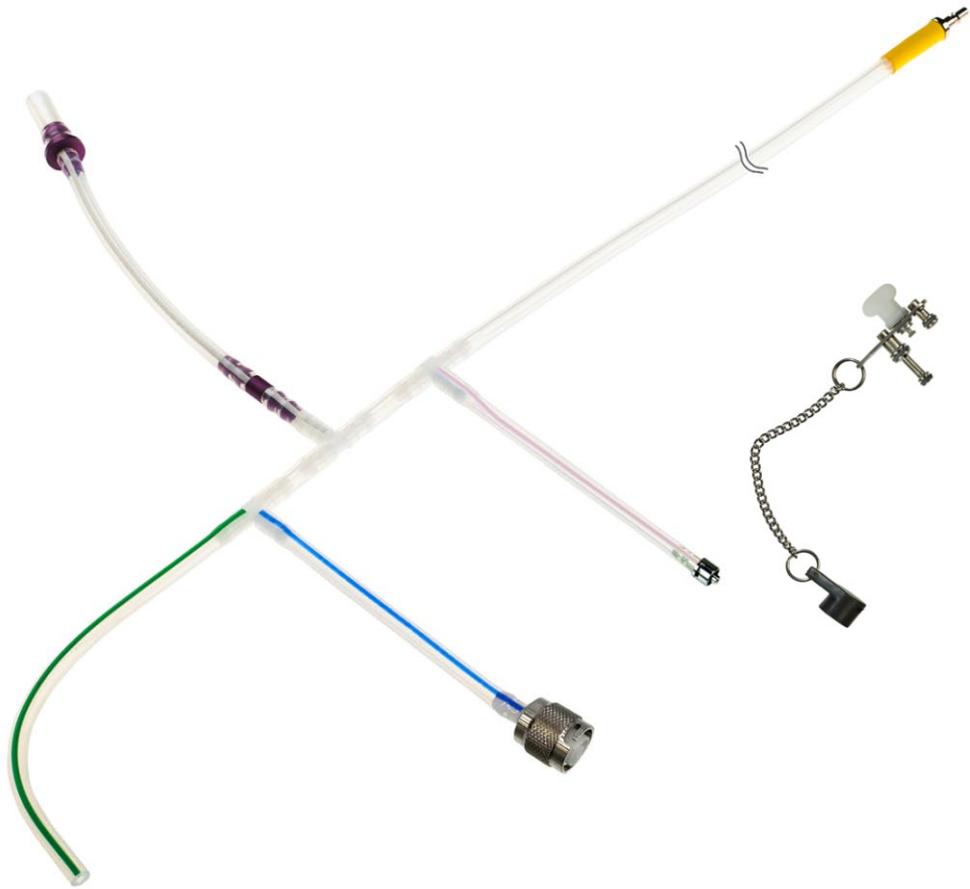


Figure 4.33: Adapter "Fujifilm 6" for EC, EG and EN endoscopes

Suitable for the following Fujifilm endoscopes:

EC-580RD L	EC-600M	EC-600ZW	EG-600ZW
EC-580RD M	EC-600WI	EC-600ZW/L	EI-580BT
EC-600HL	EC-600WL	EC-600ZW/M	EN-530T
EC-600L	EC-600WL-V2	EG-580RD	EN-580T
EC-600LS	EC-600WM	EG-600WR-V2	EN-580XP

4.17.1 Connecting Adapter "Fujifilm 6"

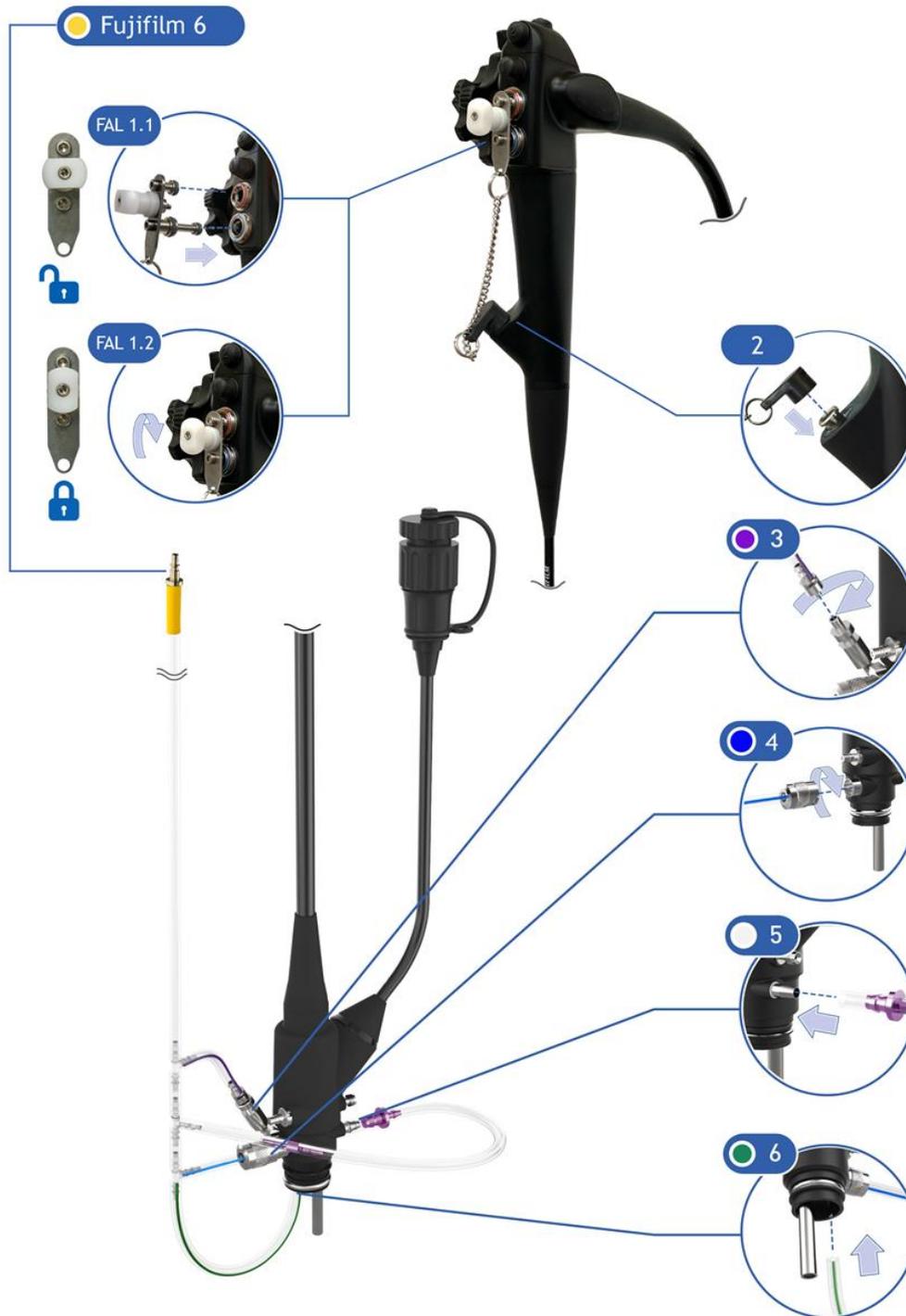


Figure 4.34: Connecting Adapter "Fujifilm 6" with the endoscope



NOTICE

See EDC Plus accessory manual for additional information about holders for a second scope connector.

4.18 Adapter “Fujifilm 8”, for EDC Plus (WD25674A)



Figure 4.35: Adapter "Fujifilm 8" for EC and EG endoscopes

Suitable for the following Fujifilm endoscopes:

EB-530H	EB-530XT
EB-530P	EB-580S
EB-530S	EB-580T
EB-530T	ER-530T

4.18.1 Connecting Adapter “Fujifilm 8”



Figure 4.36: Connecting Adapter "Fujifilm 8" with the endoscope

4.19 Adapter “Fujifilm 9”, for EDC Plus (WD25675A)

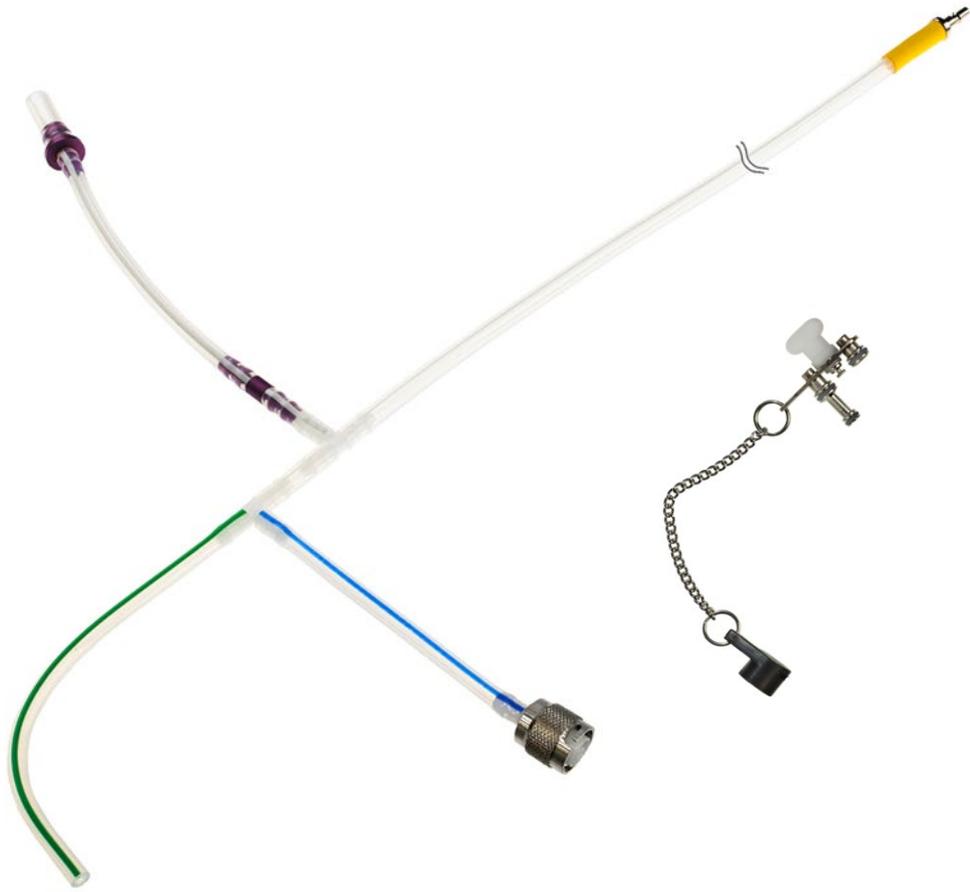


Figure 4.37: Adapter "Fujifilm 9"

Suitable for the following Fujifilm endoscopes:

ED-580XT

4.19.1 Connecting Adapter “Fujifilm 9”



Figure 4.38: Connecting Adapter "Fujifilm 9" with the endoscope

4.20 Adapter "Pentax 1", for EDC Plus (E0425667)



Figure 4.39: Adapter "Pentax 1" for EC endoscopes with auxiliary water channel (70 and 80 series)

Suitable for the following Pentax endoscopes:

EC-3470F	EC-3870CIMK	EC-3870MK	EC-3880FK2	EG-2980K
EC-3470FK	EC-3870CIMK2	EC-3870MK2	EC-3880K	EG-3470K
EC-3470FKEC-3830	EC-3870F	EC-3870MZK	EC-3880LK	EG-3470ZK
EC-3470L	EC-3870F2	EC-3870S2	EC-3880MK	EG-3480K
EC-3470LK	EC-3870FK	EC-3870SK	EC-3880MK2	EG-3870
EC-3470M	EC-3870FK2	EC-3870SK2	EC-3880SK2	EG-3870CIK
EC-3470MK	EC-3870FZK	EC-3870TF	EC-3881FK	EG-3870CILK
EC-3480FK	EC-3870KZ	EC-3870TL	EC-3881FK2	ES-3870
EC-3480K	EC-3870L	EC-3870TM	EC-3881LK	ES-3870K
EC-3480LK	EC-3870LK	EC-3872CIMK2	EC-3881MK	ES-3880K
EC-3480MK	EC-3870LK2	EC-3872L	EC-3881MK2	ES-3881K
EC-3870CIFK	EC-3870LZK	EC-3872LK	EC-3881SK2	VSB-3470K
EC-3870CIFK2	EC-3870M	EC-3872LZK	EG-2970K	
EC-3870CILK	EC-3870M2	EC-3880FK	EG-2970SK	

4.20.1 Connecting Adapter "Pentax 1"

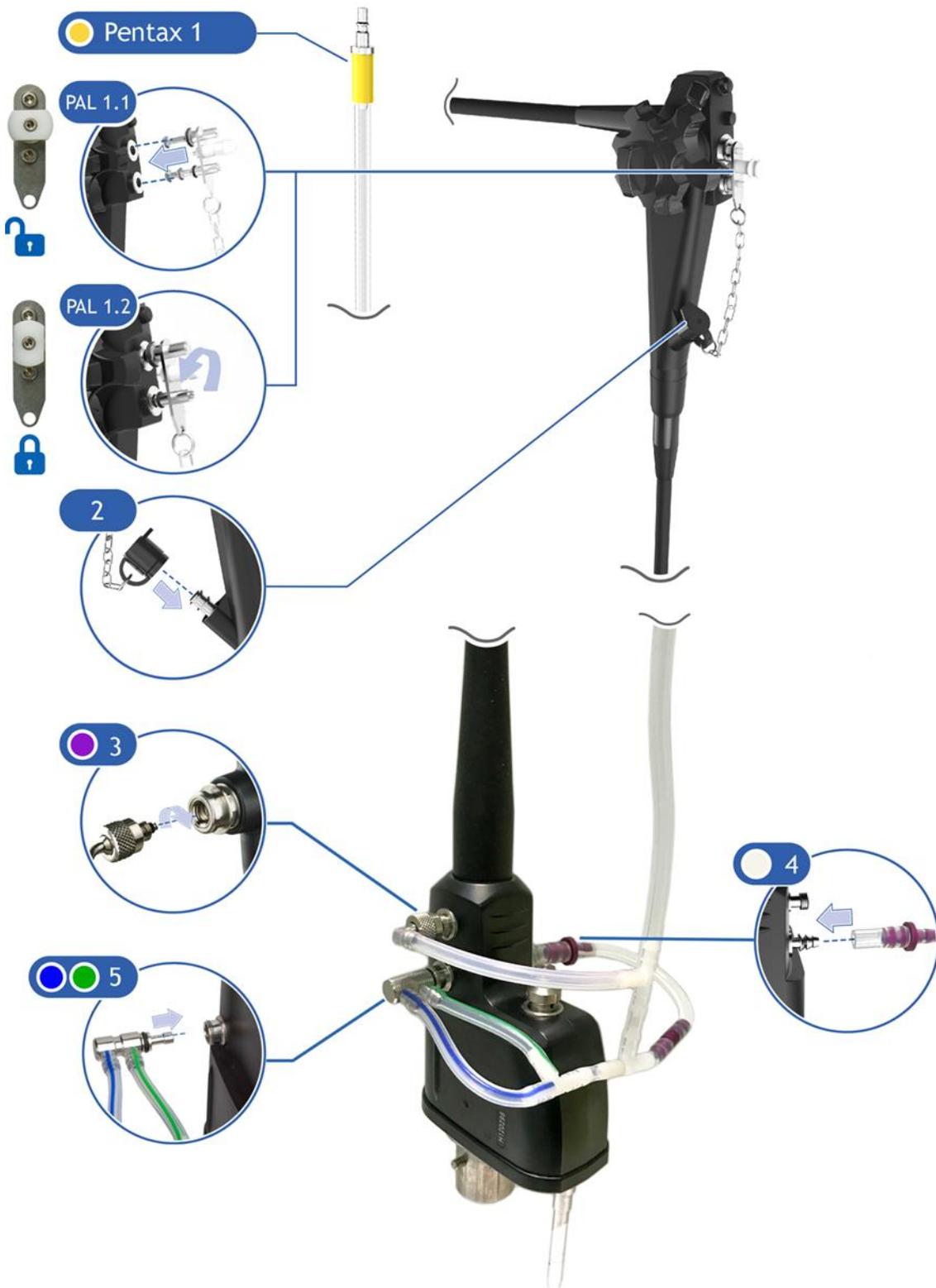


Figure 4.40: Connecting Adapter "Pentax 1" with the endoscope

4.21 Adapter "Pentax 2", for EDC Plus (E0425668)



Figure 4.41: Adapter "Pentax 2" for EC endoscopes without auxiliary water channel (70 and 80 series)

Suitable for the following Pentax endoscopes:

EC-3485F	EC-3885FK	ED-3270K	EG-1870K	EG-3485LK
EC-3485FK	EC-3885FK2	ED-3270TK	EG-2470K	EG-3670K
EC-3485K	EC-3885K	ED-3280K	EG-271C	EG-3670QK
EC-3485L	EC-3885L	ED-341C	EG-2770	EG-3885
EC-3485LK	EC-3885LK	ED-3470T	EG-2770K	EG-3885K
EC-3485M	EC-3885M	ED-3470TK	EG-291C	ES-3885
EC-3485MK	EC-3885M2	ED-3480TK	EG-2970	ES-3885K
EC-381FC	EC-3885MK	ED-3485T	EG-2985	
EC-381LC	EC-3885MK2	ED-3670K	EG-2985K	
EC-381MC	EC-3885S2	ED-3670TK	EG-3470	
EC-3885F	EC-3885SK2	ED-3680TK	EG-3485	
EC-3885F2	ED-3270	EG-1870	EG-3485K	

4.21.1 Connecting Adapter "Pentax 2"

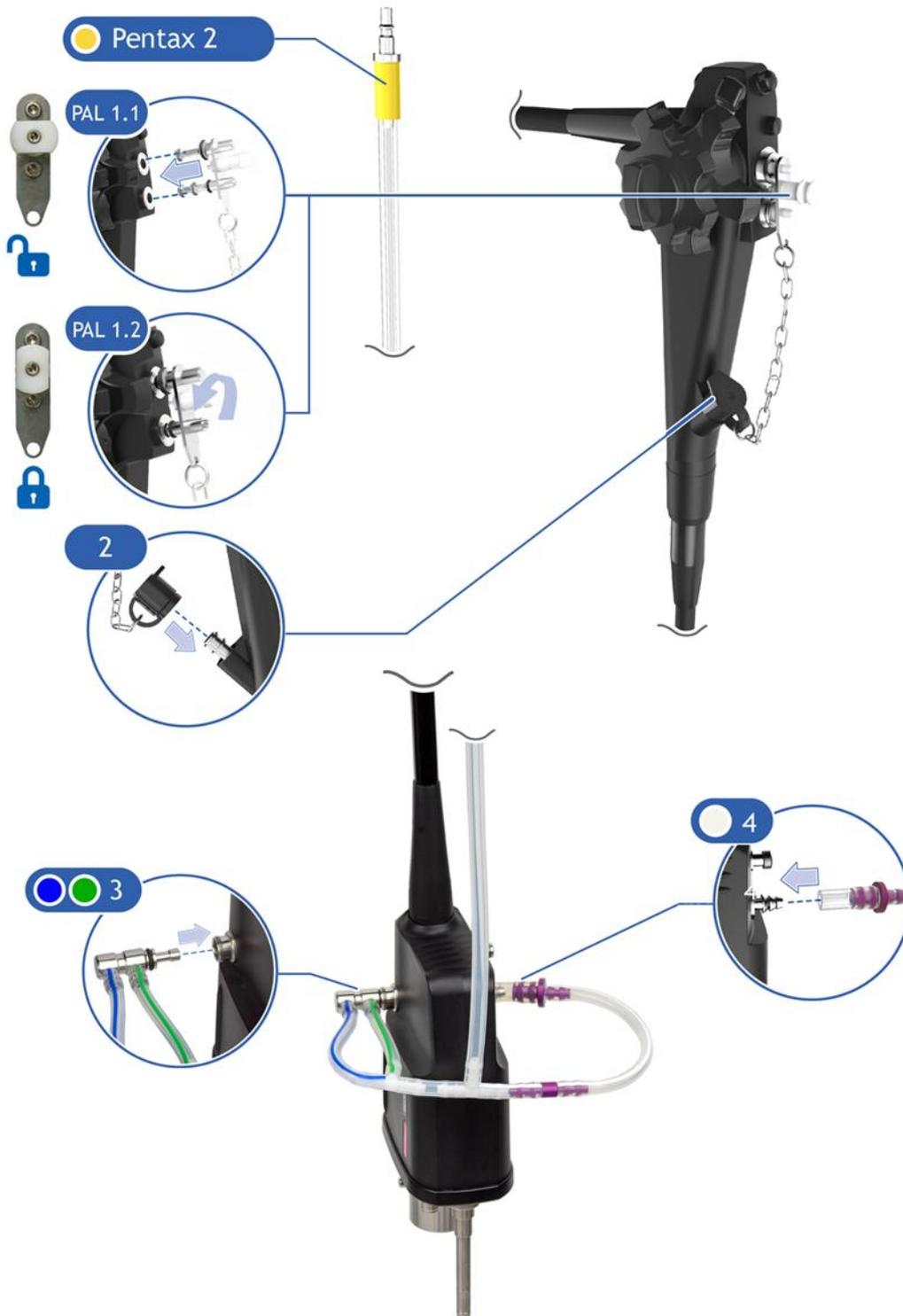


Figure 4.42: Connecting Adapter "Pentax 2" with the endoscope

4.22 Adapter "Pentax 3", for EDC Plus (E0425669)



Figure 4.43: Adapter "Pentax 3" for EC endoscopes (90 series)

Suitable for the following Pentax endoscopes:

EC-2990Fi	EC-3490TMi	EC-3890FK	EC38-i10cL	EG29-i10
EC-2990Li	EC34-i10cF	EC-3890FK2	EC38-i10cM	EG29-i10c
EC-2990Mi	EC34-i10cL	EC-3890FL	EC38-i10F	EG29-i10N
EC-2990TFi	EC34-i10cM	EC-3890FZi	EC38-i10F2	EG-3490i
EC-2990TLi	EC34-i10F	EC-3890Li	EC38-i10L	EG-3490K
EC-3490Fi	EC34-i10L	EC-3890LK	EC38-i10M	EG34-i10
EC-3490FK	EC34-i10M	EC-3890LZi	EC38-i10M2	EG-3890K
EC-3490Li	EC34-i10T	EC-3890Mi	EC38-i10NF	G-EYE34-i10F
EC-3490LK	EC34-i10TF	EC-3890Mi2	EC38-i10NL	G-EYE34-i10L
EC-3490Mi	EC34-i10TL	EC-3890MK	EG-2990i	G-EYE38-i10F
EC-3490MK	EC34-i10TM	EC-3890MK2	EG-2990K	G-EYE38-i10F2
EC-3490TFi	EC-3890Fi	EC-3890MZi	EG-2990Li	G-EYE38-i10L
EC-3490TLi	EC-3890Fi2	EC38-i10cF	EG-2990Zi	G-EYE38-i10L2

4.22.1 Connecting Adapter "Pentax 3"

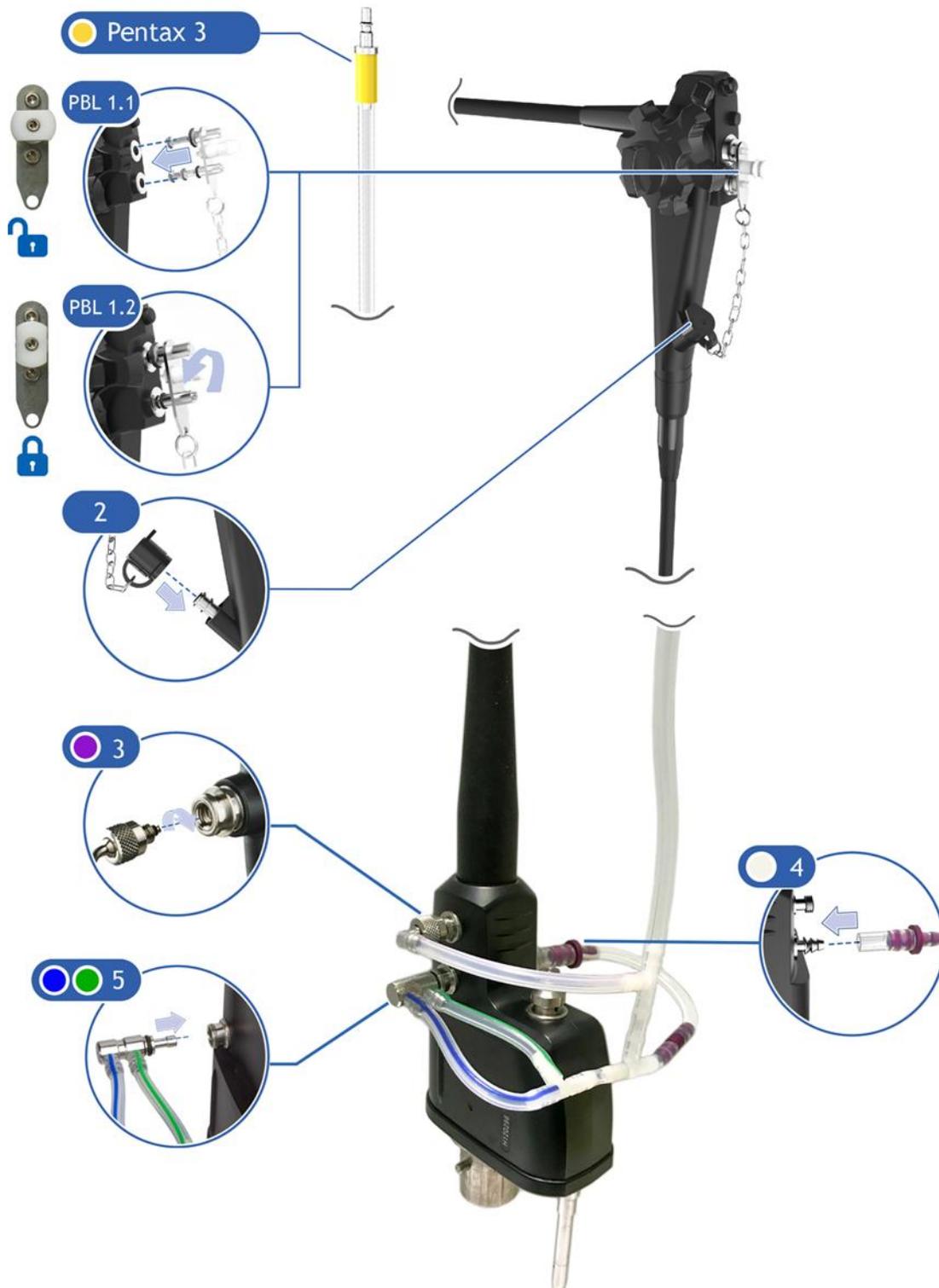


Figure 4.44: Connecting Adapter "Pentax 3" with the endoscope

4.23 Adapter "Pentax 4", for EDC Plus (E0425670)



Figure 4.45: Adapter "Pentax 4" for EG endoscopes (90 series)

Suitable for the following Pentax endoscopes:

ED-3490TK	EG-1690K	VSB-2990i
ED34-i10D	EG16-K10	
ED34-i10T	EG-1890K	
ED34-i10T2	EG-2490K	
	EG-2790i	
	EG-2790K	
	EG27-i10	
	EG27-V10c	
	EG29-V10c	
	EC38-V10cM	
	EG38-V10cL	

4.23.1 Connecting Adapter "Pentax 4"



Figure 4.46: Connecting Adapter "Pentax 4" with the endoscope

4.24 Adapter "Pentax 5", for EDC Plus (E0425671)



Figure 4.47: Adapter "Pentax 5" for EB Scopes

Suitable for the following endoscopes:

Luer Lock 1A

ECY-1570
ECY-1570K
ECY-1571K
ECY-1575K

Hose 1B

EB-1170K
EB-1570
EB-1570AK
EB-1570K
EB-1575K
EB-1970
EB-1970AK
EB-1970K
EB-1970TK
EB-1975
EB-1975K
EB-1975TK
EB-1990i
FCN-15X
VNL-1570
VNL-1570STK

4.24.1 Connecting Adapter "Pentax 5"



Figure 4.48: Connecting Adapter "Pentax 5" with the endoscope

4.25 Adapter "Pentax 6", for EDC Plus (E0425672)



Figure 4.41: Adapter "Pentax 6" for EB endoscopes

EB11-J10
EB15-J10
EB19-J10
VNL15-J10

4.25.1 Connecting Adapter "Pentax 6"



Figure 4.49: Connecting Adapter "Pentax 6" with the endoscope

4.26 Adapter "Pentax 7", for EDC Plus (E0425673)



Figure 4.43: Adapter "Pentax 7" for FB endoscopes

Suitable for the following Pentax endoscopes:

EB-1530T2	FB-10H	FB-18RBS	FCP-8P	FI-10PE2	FNL-15P2	VB-1530
EB-1530T3	FB-10V	FB-18RX	FCP-9P	FI-10RBS	FNL-15RP2	VB-1530T
EB-1830T	FB-10X	FB-18V	FCY-15P	FI-13BS	FNL-15RP3	VB-1530T2
EB-1830T2	FB-15BS	FB-18X	FCY-15P2	FI-13P	FUR-10P	VB-1830
EB-1830T3	FB-15H	FB-19H	FCY-15RBS	FI-13RBS	FUR-13P	VB-1830T
ECN-1530	FB-15P	FB-19TS	FHY-10RBS	FI-16BS	FUR-9P	VB-1830T2
ECN-15X	FB-15RBS	FB-19TV	FHY-15RBS	FI-16RBS	FUR-9RBS	VB-1830T3
ECY-1530	FB-15V	FB-19TX	FI-10BS	FI-9BS		VB-1900
ECY-15P	FB-15X	FB-19V	FI-10P	FI-9RBS		VB-1910
ECY-15P2	FB-18BS	FB-8V	FI-10P2			VB-2000
	FB-18P					VB-P1910
						VNL-1530
						VNL-1530T

4.26.1 Connecting Adapter "Pentax 7"



Figure 4.50: Connecting Adapter "Pentax 7" with the endoscope

4.27 Adapter "Pentax 8", for EDC Plus (WD25680A)



Figure 4.51: Adapter "Pentax 8"

Suitable for the following Pentax endoscopes:

EG-3270UK
EG-3870UTK

4.27.1 Connecting Adapter "Pentax 8"

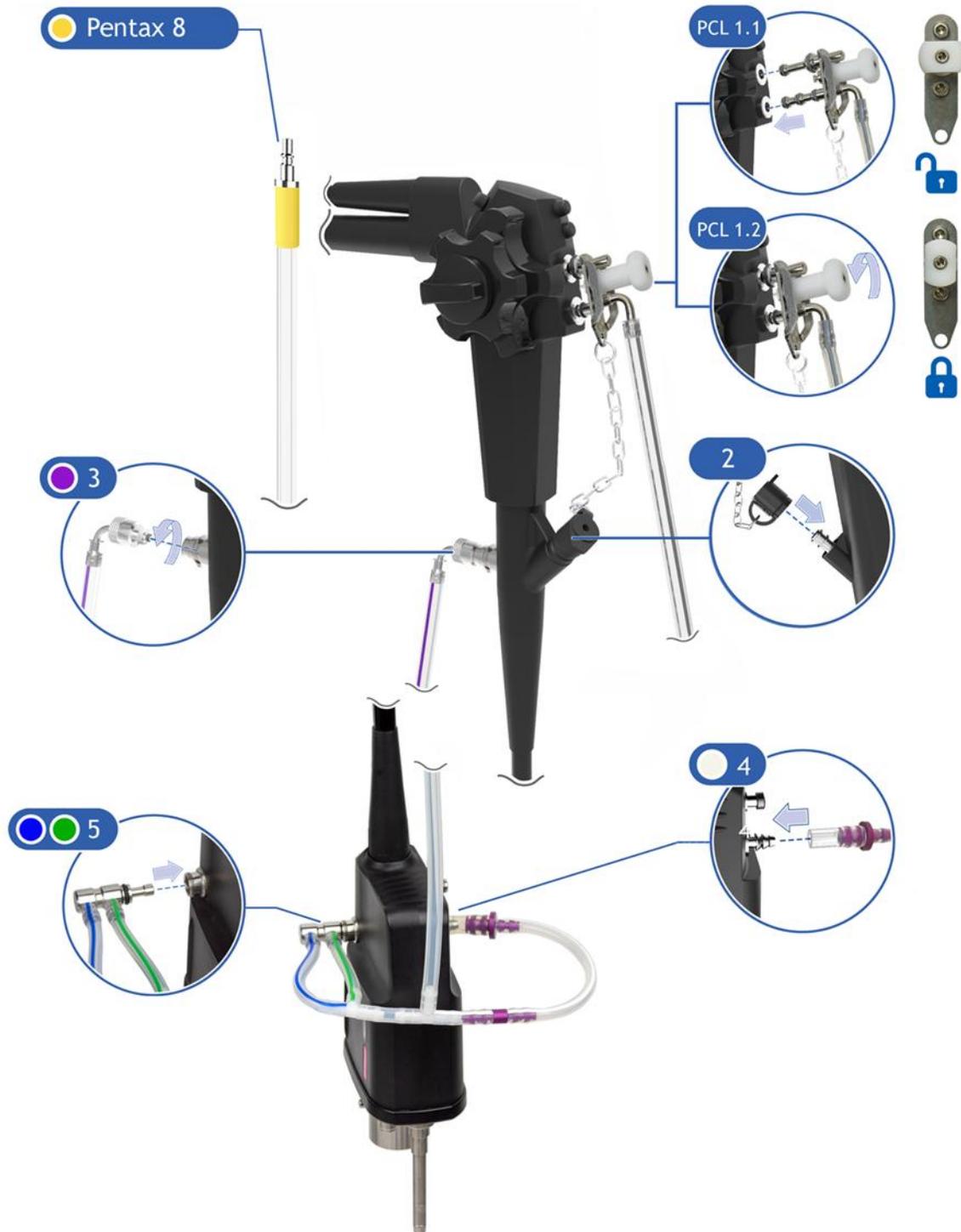


Figure 4.52: Connecting Adapter "Pentax 8" with the endoscope

4.28 Adapter "Pentax 11", for EDC Plus (WD25683A)



Figure 4.53: Adapter "Pentax 11"

Suitable for the following Pentax endoscopes:

EB19-J10U

4.28.1 Connecting Adapter "Pentax 11"



Figure 4.54: Connecting Adapter "Pentax 11" with the endoscope



NOTICE

See EDC Plus accessory manual for additional information about holders for a second scope connector.

4.29 Adapter "Pentax 14", for EDC Plus (WD25686A)

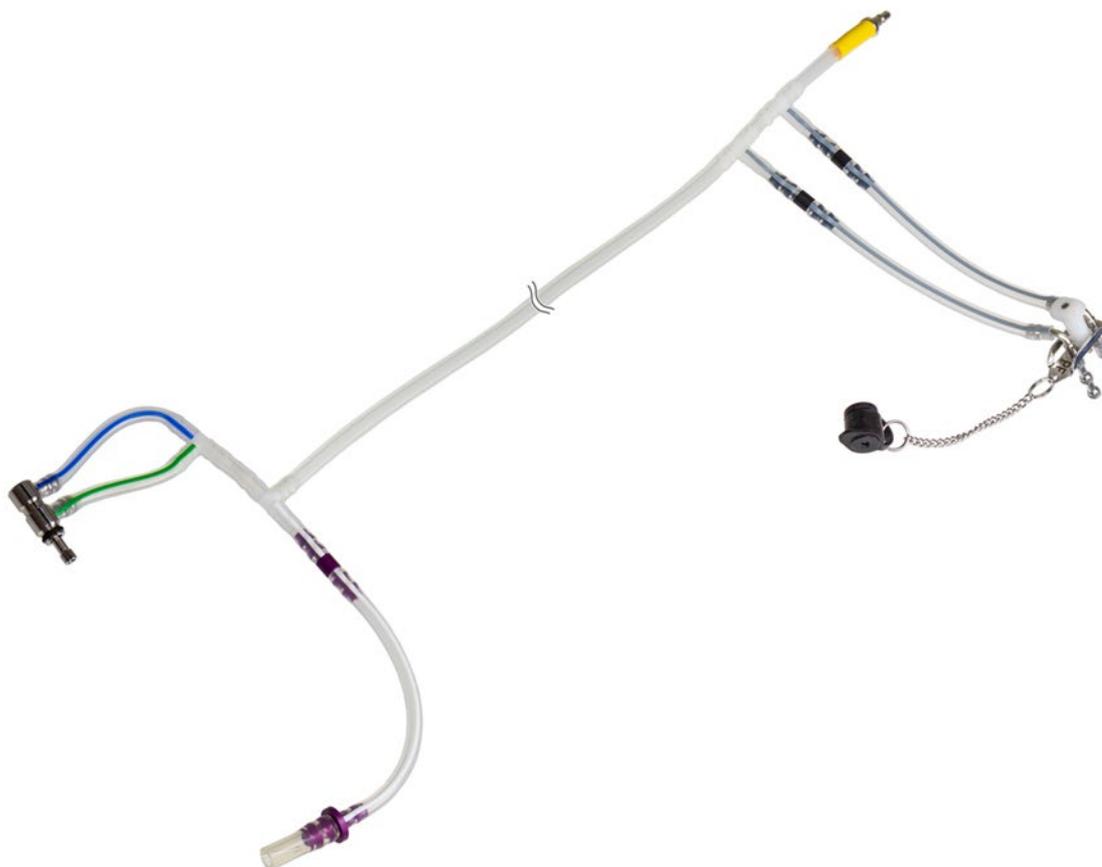


Figure 4.55: Adapter "Pentax 14"

Suitable for the following Pentax endoscopes:

EG34-J10U
EG36-J10UR
EG38-J10UT

WARNING
Risk of injury to the patient



EG34-J10U: Blow pressurized medical grade air through endoscope channels that have been reprocessed before placing the endoscope in the EDC / EDC Plus. Use an air pistol and flush air for a few seconds through every endoscope channel. Check for remaining water in the channels. Residual water inside endoscope channels can prevent the required amount of air flow through the endoscope channels.

4.29.1 Connecting Adapter "Pentax 14"

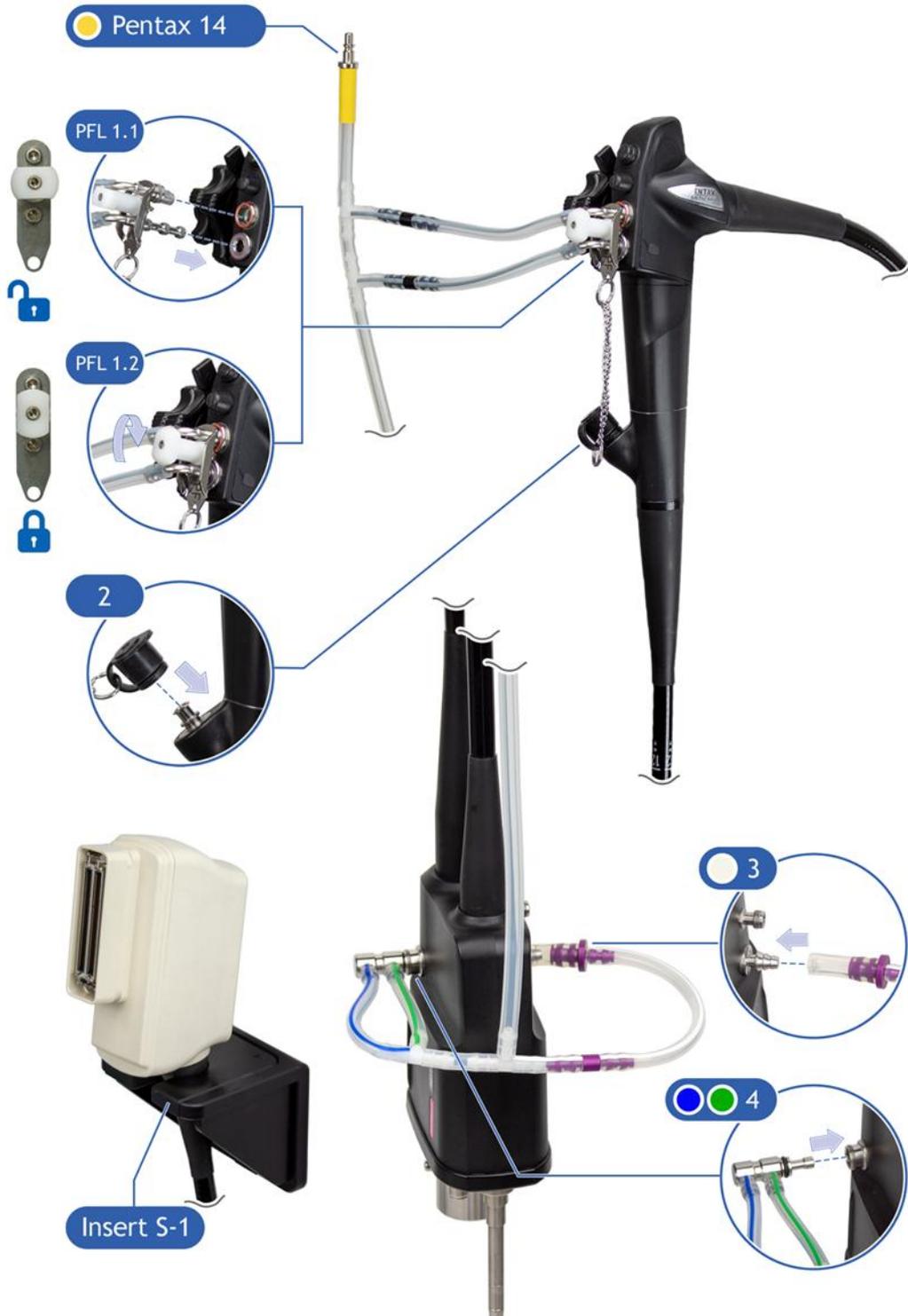


Figure 4.56: Connecting Adapter "Pentax 14" with the endoscope



NOTICE

See EDC Plus accessory manual for additional information about holders for a second scope connector.

4.30 Adapter "Karl Storz 1", for EDC Plus (E0425674)

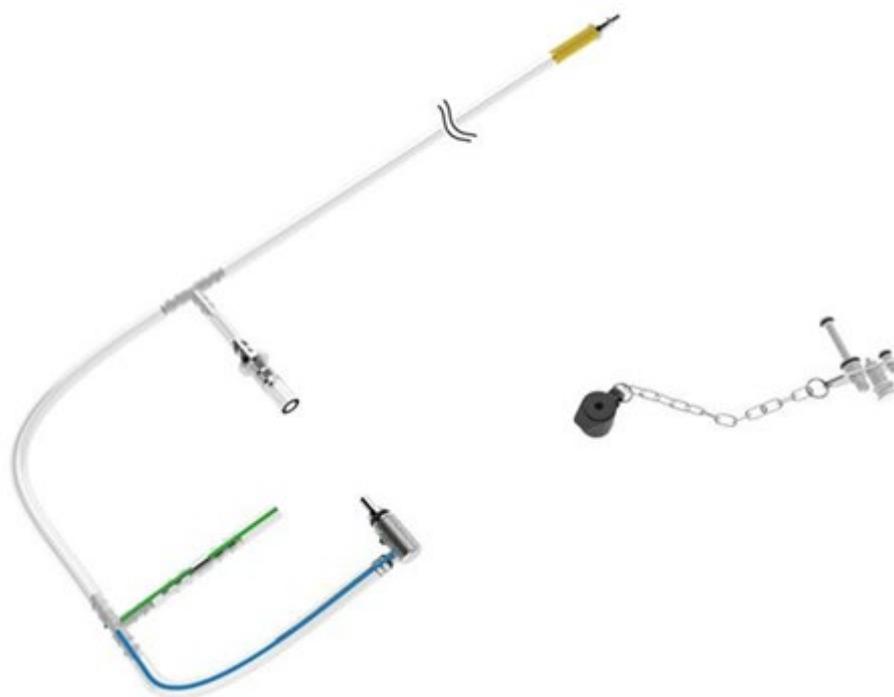


Figure 4.57: Adapter "Karl Storz 1" for EG endoscopes

Suitable for the following Karl Storz endoscopes:

13800-NKS	13820-NKS	13900-NKS	13912-NCS	13924-HPKS
13800-PKS	13820-NKSK	13900-PKS	13912-NKS	13924-NKS
13801-NKS	13820-PKS	13901-NKS	13912-NKSK	13924-PKS
13801-PKS	13820-PKSK	13901-PKS	13912-PKS	
13802-NKS	13821-NKS	13902-NKS	13912-PKSK	
13802-PKS	13821-NKSK	13902-PKS		
13803-NKS	13821-PKS	13903-NKS		
13803-PKS	13821-PKSK	13903-PKS		
13804-NKS	13823-NKSK	13904-NKS		
13804-PKS	13823-PKSK	13904-PKS		
13805-NKS	13824-NKSK	13905-NKS		
13805-PKS	13824-PKSK	13905-PKS		
13808-NKS	13825-NKSK	13906-NKS		
13808-PKS	13825-PKSK	13906-PKS		
		13907-NKS		
		13907-PKS		

4.30.1 Connecting Adapter "Karl Storz 1"



Figure 4.58: Connecting Adapter "Karl Storz 1" with the endoscope

4.31 Adapter "Karl Storz 2", for EDC Plus (E0425675)

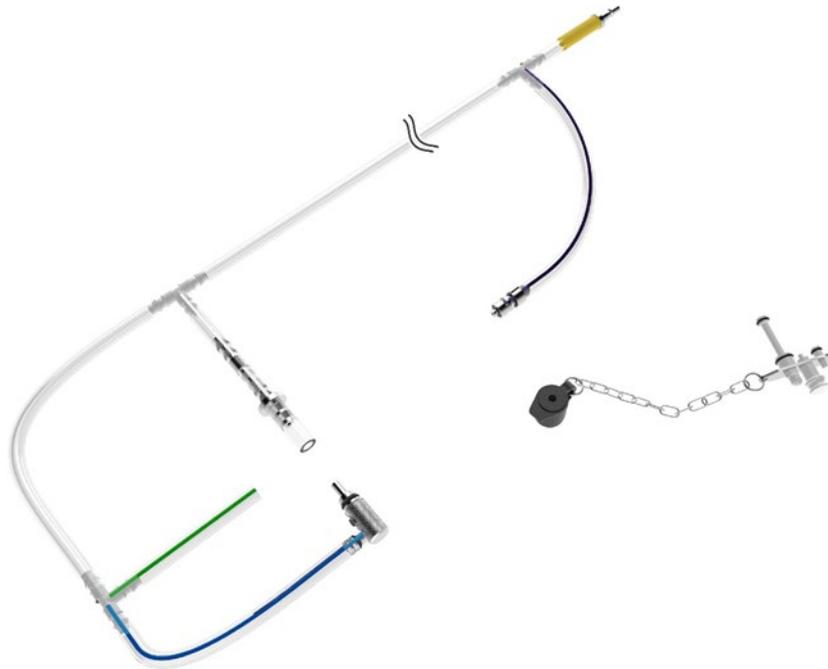


Figure 4.59: Adapter "Karl Storz 2" for EC endoscopes

Suitable for the following Karl Storz endoscopes:

13807-NKS	13926-NKSK
13807-PKS	13926-PKSK
13920-NKSK	13927-NKSK
13920-PKSK	13927-PKSK
13925-HPKS	
13925-NKS	
13925-PKS	

4.31.1 Connecting Adapter "Karl Storz 2"

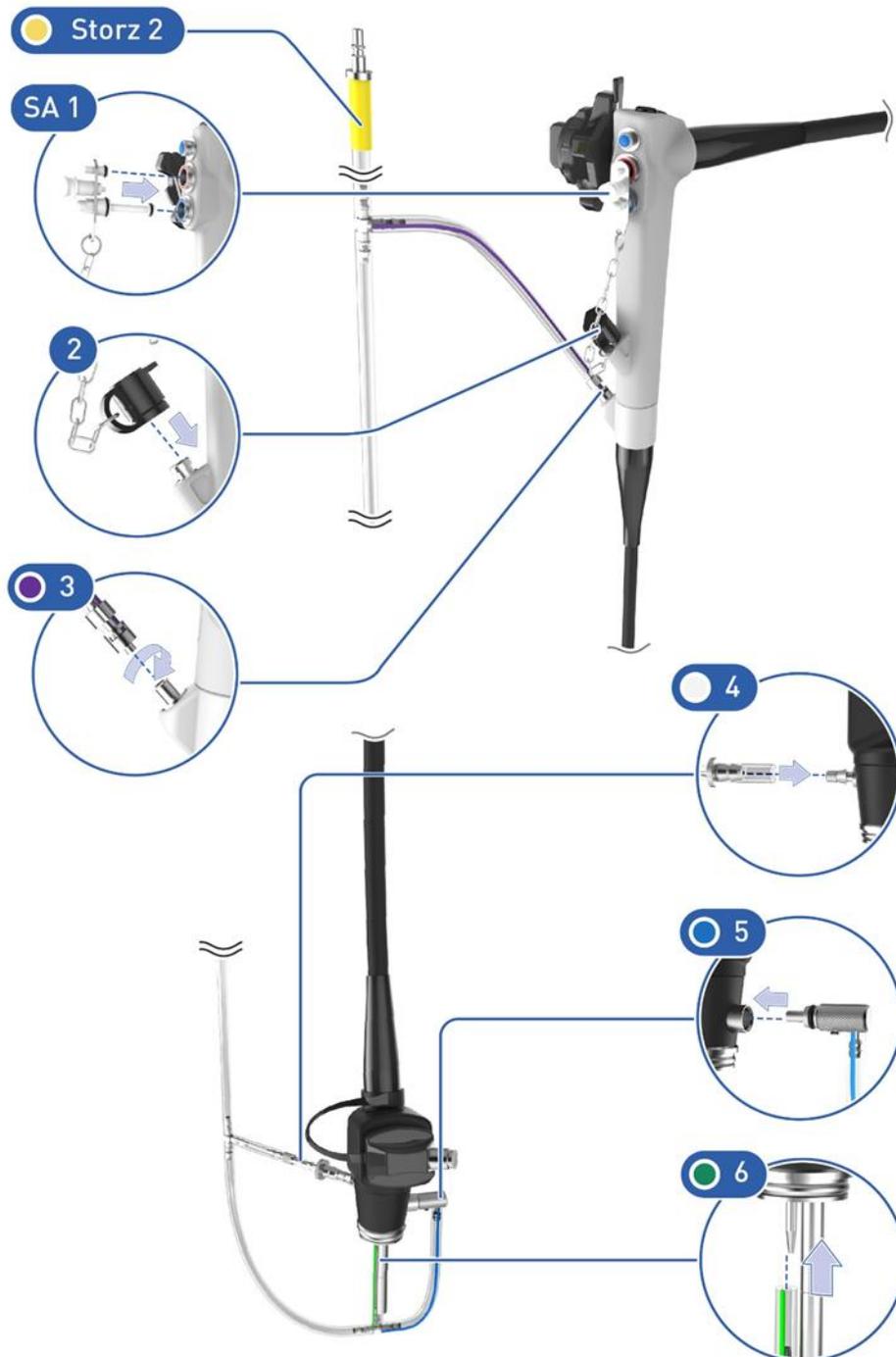


Figure 4.60: Connecting Adapter "Karl Storz 2" with the endoscope

4.32 Adapter "Karl Storz 3", for EDC Plus (WD25690A)

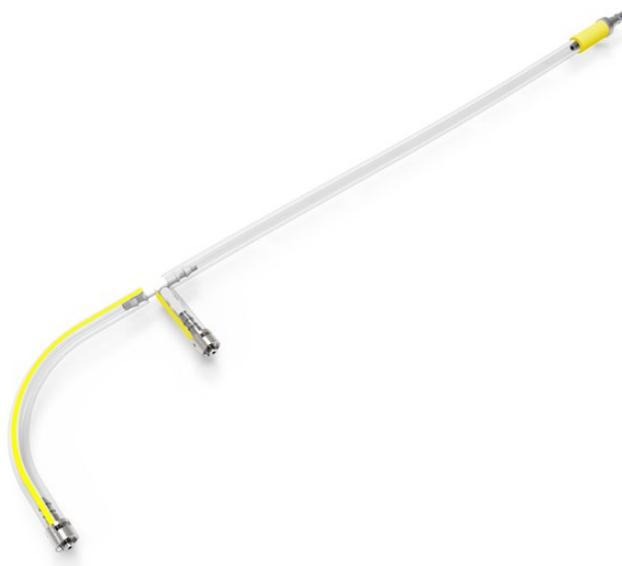


Figure 4.61: Adapter "Karl Storz 3"

Suitable for the following Karl Storz endoscopes:

Karl Storz						Richard Wolf	
11001-BB	11261-BB1	11272-C2	11273-BD1	11278-AC1	11292-AD1	7305	7355.10711
11001-CM	11261-BBU	11272-CI	11273-BDU1	11278-AC2	11292-ADU	7315.001	7355.1076
11001-DD	11261-BBU1	11272-CI1	11274-AA	11278-ACU	11292-ADU1	7315.0011	7355.10761
11001-RD	11262-BB	11272-CIU	11274-AA1	11278-ACU1	11292-B	7315.006	
11001-RD1	11262-BC	11272-CIU1	11274-AAU	11278-AU	11292-BD	7315.0061	
11001-RP	11262-BC1	11272-CU	11274-AAU1	11278-AU1	11292-BD1	7315.1001	
11001-RR	11262-BC2	11272-CU1	11274-AC1	11278-V	11292-DE1	7315.10011	
11001-TT	11262-BCU	11272-PB	11274-ACU	11278-VK	11292-V	7315.1006	
11001-UD	11262-BCU1	11272-V	11274-BCU	11278-VS	11292-VKP	7315.10061	
11001-UU	11262-BCU2	11272-VA	11274-BCU1	11278-VSK	11292-VP	7325.071	
11002-BB	11263-BB	11272-VK	11274-N	11278-VSU	11292-VPU	7325.0711	
11161-C1	11263-BB1	11272-VN	11274-N1	11278-VSUK	11292-VSK	7325.076	
11161-C2	11263-BB2	11272-VNU	11274-NU	11278-VU	11292-VSUK	7325.0761	
11161-E	11263-BBU	11272-VP	11274-NU1	11278-VUK	11292-VU	7345.071	
11161-E1	11263-BBU1	11272-VPK	11274-P	11282-B	11350NU	7345.076	
11161-EK1	11263-BBU2	11272-VPU	11274-P1	11282-BN	11350NU1	7355.071	
11161-EL2	11272-AA	11272-VU	11274-SN	11282-BN1	60003 VB1	7355.0711	
11161-V	11272-BB	11272-VUA	11278-A	11282-C		7355.076	
11161-VK	11272-C	11273-BB	11278-A1	11282-D1		7355.0761	
11261-BB	11272-C1	11273-BD	11278-AC	11292-AD		7355.1071	

4.32.1 Connecting Adapter "Karl Storz 3"

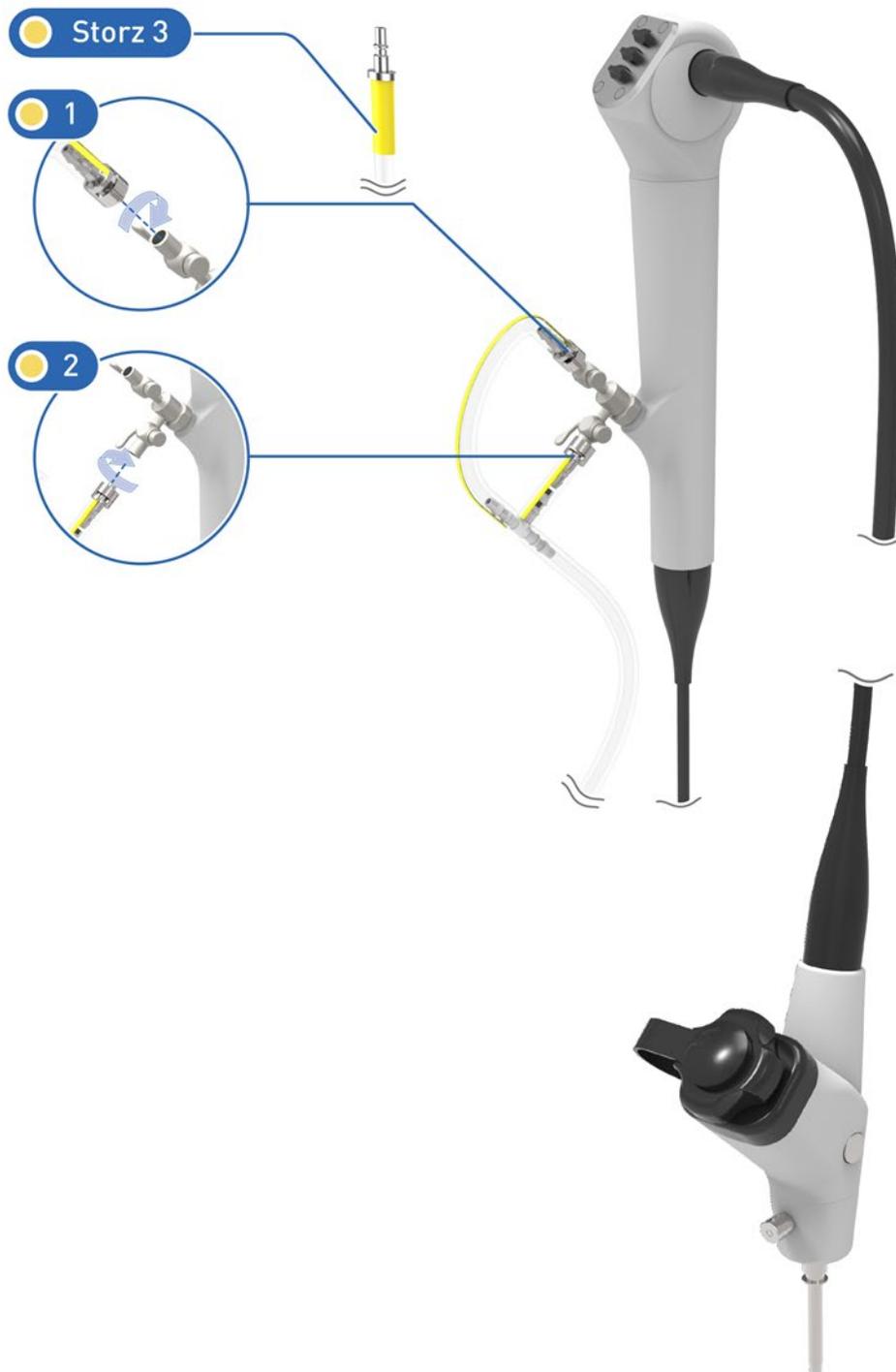


Figure 4.62: Connecting Adapter "Karl Storz 3" with the endoscope

4.33 Adapter "Karl Storz 4", for EDC Plus (WD25691A)



Figure 4.63: Adapter "Karl Storz 4"

Suitable for the following Karl Storz endoscopes:

11301-BNX	60001 VL2
11301-BNXX	60002 VB2
11302-BDX	
11302-BDXK	
11302-BNX	

4.33.1 Connecting Adapter "Karl Storz 4"

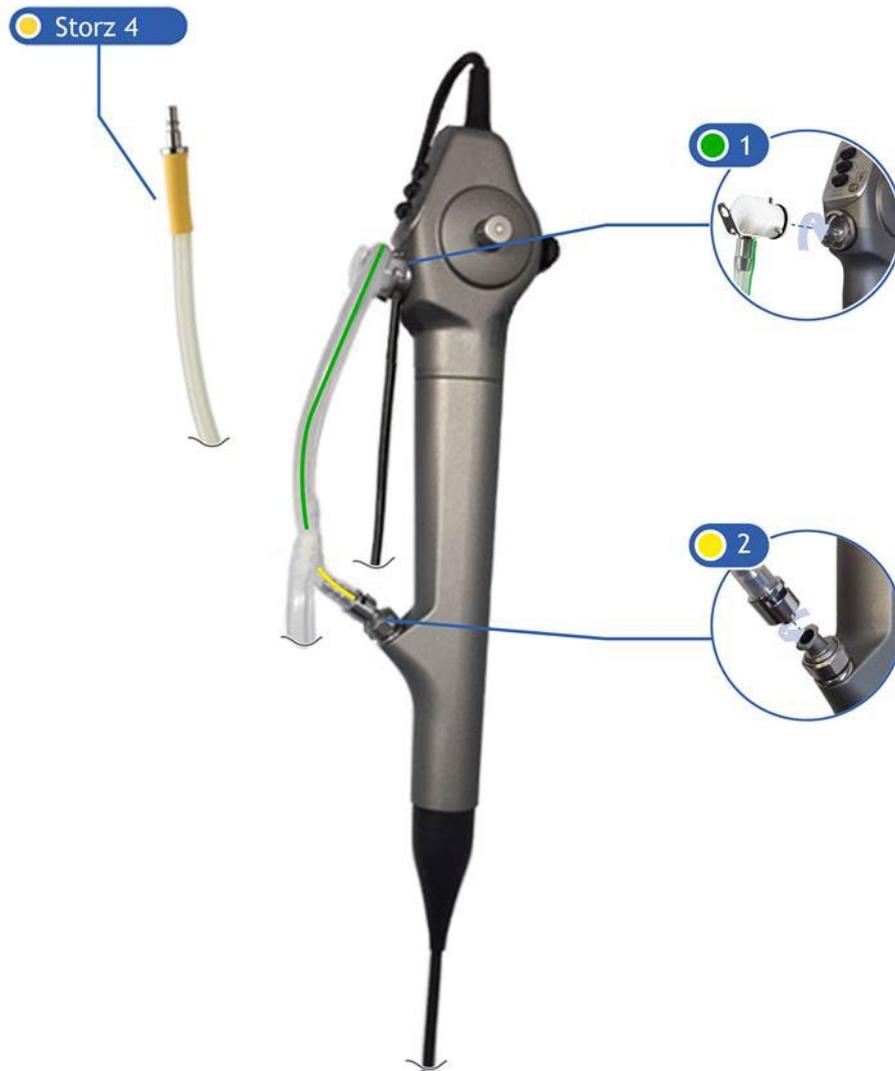


Figure 4.64: Connecting Adapter "Karl Storz 4" with the endoscope

4.34 Adapter "Karl Storz 5", for EDC Plus (WD25692A)



Figure 4.65: Adapter "Karl Storz 5"

Suitable for the following Karl Storz endoscopes:

11001-BI	11004-BC	11301-AA1	11605-E
11001-BI1	11004-BC1	11301-AAD1	11605-EV
11001-BI4	11004-BI	11301-AAN1	11900-AN
11001-BN	11004-BI1	11301-AAP1	
11001-BN1	11005-BC	11301-BN1	
11001-BN4	11005-BC1	11301-BND1	
11002-BD	11009-BC	11301-BNN1	
11002-BD1	11009-BC1	11301-BNP1	
11003-BB1	11009-BI	11302-BD1	
11003-BC	11009-BI1	11302-BD2	
11003-BC1	11009-BI1-X	11302-BDD1	
11003-BC3		11302-BDD2	
		11302-BDP1	
		11304-BC1	
		11340-BC1	

4.34.1 Connecting Adapter "Karl Storz 5"



Figure 4.66: Connecting Adapter "Karl Storz 5" with the endoscope

4.35 Adapter "Richard Wolf 1", for EDC Plus (E0425678)



Figure 4.67: Adapter "Richard Wolf 1" for Cobra Vision endoscope

Suitable for the following Richard Wolf endoscopes:

7326.071	7346.076	7356.1071
7326.076	7356.071	7356.10711
7326-0711	7356.0711	7356.1076
7326-0761	7356.076	7356.10761
7326.071	7356.0761	



NOTICE

The adapter piece on the scope is not a part of the delivery content.

4.35.1 Connecting Adapter "Richard Wolf 1"

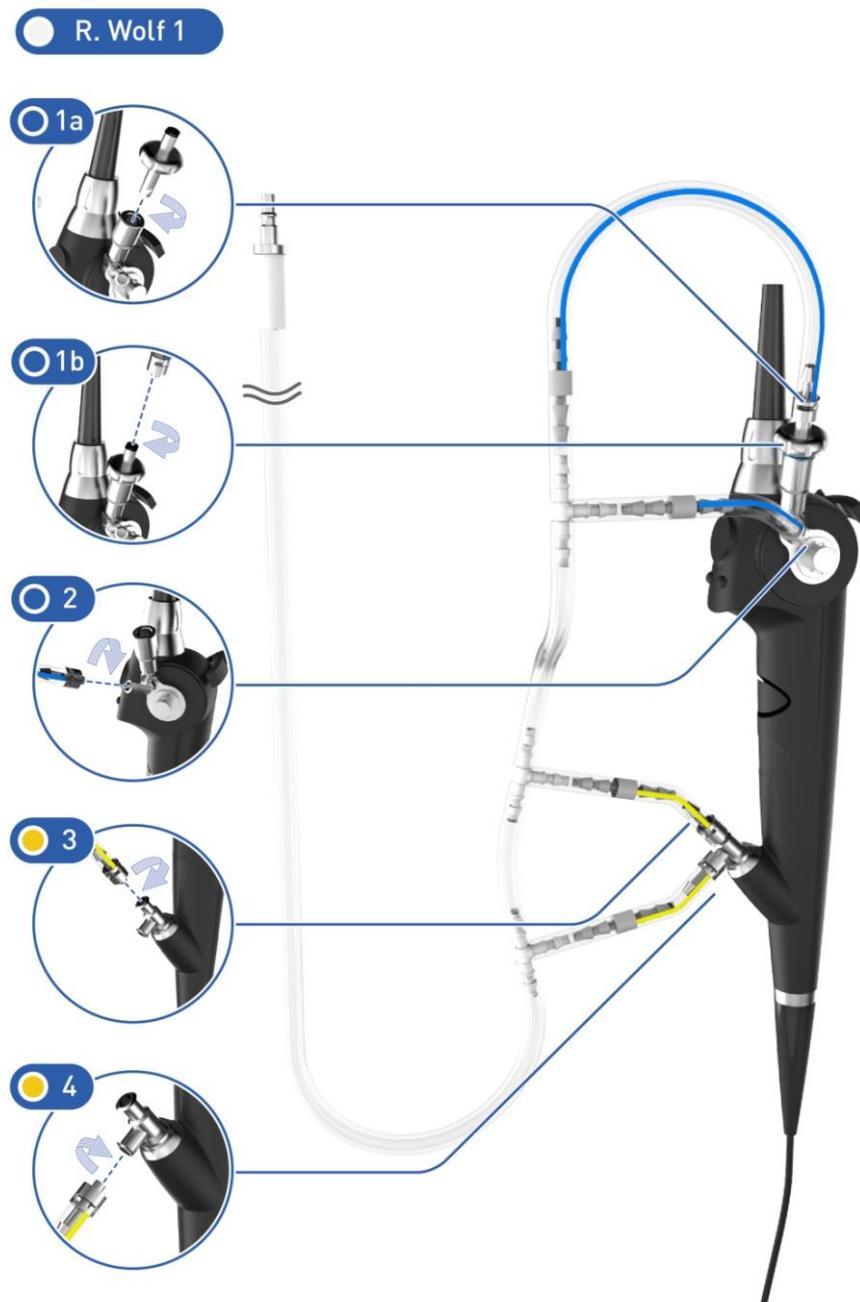


Figure 4.68: Connecting Adapter "Richard Wolf 1" with the endoscope

4.36 Intermediate piece EDC/EDC Plus adapter (W7132226)



Figure 4.69 Intermediate piece

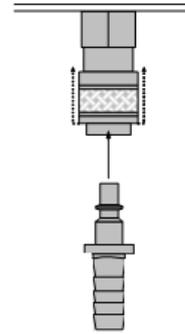
For connecting EDC Plus adapters to the EDC.

4.37 Endoscopes without internal channels

Endoscopes without internal channels do not require any adapter for drying and storage.

Refer to chapter 5 and chapter 6 for parameters for endoscopes without internal channels.

To stimulate airflow through the cabinet, plug a single connection nipple in the holder.



5 Parameters for EDC Plus

The following parameters are necessary for Olympus service technicians to program the endoscope positions at the drying and storage cabinet directly at the EDC Plus or via documentation software.

5.1 Parameters for Olympus endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Valve [%]	Max Valve [%]	Pre-dry Period [sec]	Pre-Dry flow [lpm]	On-time Pre-dry period [sec]	Off-time Pre-dry period [sec]	Drying time [min]	On-time Drying period [sec]	Off-time Drying period [sec]	Storage time [hrs]	On-time Storage period [sec]	Off-time Storage period [sec]
"Olympus 1"	30	10	40	95	180	13	25	5	120	840	60	168	1200	1200
"Olympus 2"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Olympus 3"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Olympus 4"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Olympus 5"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Olympus 6"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Olympus 7"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Olympus 8"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Olympus 9"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Olympus 11"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Olympus 12"	30	5	30	75	180	7	25	5	120	840	60	168	1200	1200
"Olympus 13"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Olympus 15"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200

5.2 Parameters for Pentax endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Valve [%]	Max Valve [%]	Pre-dry Period [sec]	Pre-Dry flow [lpm]	On-time Pre-dry period [sec]	Off-time Pre-dry period [sec]	Drying time [min]	On-time Drying period [sec]	Off-time Drying period [sec]	Storage time [hrs]	On-time Storage period [sec]	Off-time Storage period [sec]
"Pentax 1"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Pentax 2"	30	10	40	95	180	13	25	5	120	840	60	168	1200	1200
"Pentax 3"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Pentax 4"	30	10	40	95	180	13	25	5	120	840	60	168	1200	1200
"Pentax 5"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Pentax 6"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Pentax 7"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Pentax 8"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Pentax 11"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Pentax 14"	30	12	40	95	180	14	25	5	120	840	60	168	1200	1200

WARNING

Risk of injury to the patient



EG34-J10U: Blow pressurized medical grade air through endoscope channels that have been reprocessed before placing the endoscope in the EDC / EDC Plus. Use an air pistol and flush air for a few seconds through every endoscope channel. Check for remaining water in the channels. Residual water inside endoscope channels can prevent the required amount of air flow through the endoscope channels.

5.3 Parameters for Fujifilm endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Valve [%]	Max Valve [%]	Pre-dry Period [sec]	Pre-Dry flow [lpm]	On-time Pre-dry period [sec]	Off-time Pre-dry period [sec]	Drying time [min]	On-time Drying period [sec]	Off-time Drying period [sec]	Storage time [hrs]	On-time Storage period [sec]	Off-time Storage period [sec]
"Fujifilm 1"	30	10	40	95	180	13	25	5	120	840	60	168	1200	1200
"Fujifilm 2"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Fujifilm 3"	30	5	30	75	180	8	25	5	120	840	60	168	1200	1200
"Fujifilm 6"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Fujifilm 8"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Fujifilm 9"	30	10	40	95	180	13	25	5	120	840	60	168	1200	1200

5.4 Parameters for Karl Storz endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Valve [%]	Max Valve [%]	Pre-dry Period [sec]	Pre-Dry flow [lpm]	On-time Pre-dry period [sec]	Off-time Pre-dry period [sec]	Drying time [min]	On-time Drying period [sec]	Off-time Drying period [sec]	Storage time [hrs]	On-time Storage period [sec]	Off-time Storage period [sec]
"Karl Storz 1"	30	10	40	95	180	13	25	5	120	840	60	168	1200	1200
"Karl Storz 2"	30	12	40	95	180	15	25	5	120	840	60	168	1200	1200
"Karl Storz 3"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Karl Storz 4"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200
"Karl Storz 5"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200

5.5 Parameters for Richard Wolf endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Valve [%]	Max Valve [%]	Pre-dry Period [sec]	Pre-Dry flow [lpm]	On-time Pre-dry period [sec]	Off-time Pre-dry period [sec]	Drying time [min]	On-time Drying period [sec]	Off-time Drying period [sec]	Storage time [hrs]	On-time Storage period [sec]	Off-time Storage period [sec]
"Richard Wolf 1"	30	7	30	75	180	10	25	5	120	840	60	168	1200	1200

5.6 Parameters for Endoscopes without channels

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Valve [%]	Max Valve [%]	Pre-dry Period [sec]	Pre-Dry flow [lpm]	On-time Pre-dry period [sec]	Off-time Pre-dry period [sec]	Drying time [min]	On-time Drying period [sec]	Off-time Drying period [sec]	Storage time [hrs]	On-time Storage period [sec]	Off-time Storage period [sec]
With Nipple	30	5	25	95	180	5	25	5	120	840	60	168	1200	1200

6 Parameters for EDC

The following parameters are necessary for Olympus service technicians to program the endoscope positions at the drying and storage cabinet directly at the EDC or via documentation software.

6.1 Parameters for Olympus endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Pressure [mbar]	Max Pressure [mbar]	Drying time [min]	Storage time [hrs]	Setpoint [mbar]
"Olympus 1"	30	10	15	650	120	168	750
"Olympus 2"	30	12	15	650	120	168	750
"Olympus 3"	30	12	15	650	120	168	750
"Olympus 4"	30	12	15	650	120	168	750
"Olympus 5"	30	12	15	650	120	168	750
"Olympus 6"	30	12	15	650	120	168	750
"Olympus 7"	30	12	15	650	120	168	750
"Olympus 8"	30	7	15	400	120	168	750
"Olympus 9"	30	7	15	400	120	168	750
"Olympus 11"	30	7	15	400	120	168	750
"Olympus 12"	30	5	15	650	120	168	750
"Olympus 13"	30	7	15	400	120	168	750
"Olympus 15"	30	12	15	650	120	168	750

6.2 Parameters for Pentax endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Pressure [mbar]	Max Pressure [mbar]	Drying time [min]	Storage time [hrs]	Settpoint [mbar]
"Pentax 1"	30	12	15	650	120	168	750
"Pentax 2"	30	10	15	650	120	168	750
"Pentax 3"	30	12	15	650	120	168	750
"Pentax 4"	30	10	15	650	120	168	750
"Pentax 5"	30	7	15	400	120	168	750
"Pentax 6"	30	7	15	400	120	168	750
"Pentax 7"	30	7	15	400	120	168	750
"Pentax 8"	30	12	15	650	120	168	750
"Pentax 11"	30	7	15	400	120	168	750
"Pentax 14"	30	12	15	650	120	168	750

6.3 Parameters for Fujifilm endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Pressure [mbar]	Max Pressure [mbar]	Drying time [min]	Storage time [hrs]	Settpoint [mbar]
"Fujifilm 1"	30	10	15	650	120	168	750
"Fujifilm 2"	30	12	15	650	120	168	750
"Fujifilm 3"	30	5	15	400	120	168	750
"Fujifilm 6"	30	12	15	650	120	168	750
"Fujifilm 8"	30	7	15	400	120	168	750
"Fujifilm 9"	30	10	15	650	120	168	750

6.4 Parameters for Karl Storz endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Pressure [mbar]	Max Pressure [mbar]	Drying time [min]	Storage time [hrs]	Settpoint [mbar]
"Karl Storz 1"	30	10	15	650	120	168	750
"Karl Storz 2"	30	12	15	650	120	168	750
"Karl Storz 3"	30	7	15	400	120	168	750
"Karl Storz 4"	30	7	15	400	120	168	750
"Karl Storz 5"	30	7	15	400	120	168	750

6.5 Parameters for Richard Wolf endoscope adapters

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Pressure [mbar]	Max Pressure [mbar]	Drying time [min]	Storage time [hrs]	Settpoint [mbar]
"Richard Wolf 1"	30	7	15	400	120	168	750

6.6 Parameters for Endoscopes without channels

Endoscope adapter	Connection time [sec]	Flow [lpm]	Min Pressure [mbar]	Max Pressure [mbar]	Drying time [min]	Storage time [hrs]	Settpoint [mbar]
With Nipple	30	5	5	350	120	168	750

7 Manufacturer



Manufacturer
Van Vliet Medical Supply B.V.
Antennestraat 60
1322 AS Almere
Netherlands



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