

Quick Guide

for manual Reprocessing

Flexible Endoscopes from Richard Wolf



The Quick Guide is an overview. It does not replace the specific instructions for use of the respective flexible endoscope. The respective instructions for use must be observed. The Quick Guide can only be used as a supplement to the instructions for use.

Preparation / Leakage test	1	2	3	4	
	Wipe the outer surface with a moist lint-free disposable cloth.	Rinse out the channels with a 20 ml syringe filled with tap water (repeat 4 times).	Connect the tube with the twist-lock valve to the pressure gauge. → Contact points must be dry.	Close the knurled screw and inflate the flex. Endoscope until the initial pressure drop is in the green area (100-200mmHg). → Open the knurled screw to release the pressure.	
				Leaky if the pressure drops continuously after approx. 30 sec. → Return the flexible Endoscope to Richard Wolf for repair.	
Manual Cleaning	5	6	7	8	9
	Disassembly before cleaning. Possibly, close the plug protection cap firmly.	Rinse out the channels with a 20 ml syringe filled with a certified cleaning solution.	Immerse the flexible endoscope and the spare parts in a basin filled with a certified cleaning solution. → Fill the channels completely.	Brush the channels using single-use cleaning brushes. → Pass the single-use cleaning brush with the brushless side through the working channel.	Brush the outer surfaces on the handle of the flex. Endoscope and on the luer connectors using a cleaning brush until the surfaces look clean.
Rinsing Drying	10	11	12	13	14
	Rinse the flex, Endoscope and the spare parts outside using cold tap water.	Rinse out the channels with a 20 ml syringe filled with tap water (2x).	Dry all channels with a dry 20 ml syringe or with filtered compressed air (max. 1,5bar) until the air coming out is dry.	Dry the outer surface of the flexible Endoscope with a lint-free disposable cloth or cotton swab.	Dry the outer surface of the spare parts with a lint-free disposable cloth or swab and channels with filtered compressed air, pulsed, with 5 pressure surges (2.5 - 4 bar).
Disinfection Rinsing	15	16	17	18	
	Immerse the flexible endoscope and the spare parts in a basin filled with a certified disinfectant solution.	Fill the channels completely with the disinfectant solution making sure that there are no bubbles. → For filling we recommend using a syringe.	Rinse the flexible Endoscope and the spare parts outside using cold water.	Rinse out the channels with a 20 ml syringe filled with cold water.	If disinfection is not followed by sterilization, use sterile water for rinsing inside and out.

Drying Maintenance	19	20	21	22	...we recommend:
Sterilization H ₂ O ₂ , LTSF, EO	23	24			<ul style="list-style-type: none"> • RIWO-Box Disinfection basin 600x400mm, REF 509.81 • RIWO-Box Disinfection basin 881x200mm, REF 6860.911 • Water jet cleaning gun incl. mounting, REF 6199.00 • Leakage tester for flexible endoscopes, REF 163.903 • Pressure equalization valve, REF 163.904 • Disposable filter for sterilization in Sterisafe® DURO A3 for H₂O₂ (pack = 100 pcs), REF 38203401 • Disposable filter for sterilization in Sterisafe® DURO A3 for LTSF and EO (pack = 100 pcs), REF 38203501 • Sterisafe® Safety seal (pack = 100 pcs), REF 382031202 • Cleaning brushes see separate table
			<p>For sterilization with H₂O₂, or EO use the pressure equalization valve. → All connectors must be dry.</p> <p>For sterilization with H₂O₂ in a Sterrad 100S use the pressure equalization valve and boosters. → Only in flex. endoscopes with a channel length > 500 mm and Ø < 1,0 mm</p> <p>For sterilization with LTSF use the LTSF-valve.. → All connectors must be dry.</p> <p>Assembly of spare parts before sterilization according to the instructions for use, e.g. light connectors, stopcocks, etc.</p>		
Packaging Storage	25				<p>The Sterisafe® DURO A3 for H₂O₂ is not suitable for "COBRA vision" and "COBRA vision EF".</p>

Recommended Cleaning Brushes	Diameter in mm	Color	Brush length in mm	Total length in mm	Application			Type
					in working & laser channel	in the flexible endoscopes		
Cleaning brush for single use (pack = 10 pcs.)	2	Yellow	15	1200	Ø 1,0 - 1,5 mm	7223.xxx 7325.xxx 7326.xxx	7330.xxx 7331.xxx	7990001
	3	Green	20	1200	Ø 2,0 - 2,5 mm	7265.xxx 7268.xxx 7269.xxx 7270.xxx	7305.xxx 7308.xxx 7309.xxx 7310.xxx	7990002
	0,85	Blue	10	1200	Ø 0,8 mm	7356xxx		7990003
Cleaning brush for single use (pack = 100 pcs.)	5	White	20	1800	Ø 2,5 - 3,5 mm	7260xxx 7315xxx		7990004
Cleaning brush reusable	-	Black	42	-	-	-	-	86.90