

# Chapter 3    *Compatible Reprocessing Methods*

## 3.1    *Compatibility summary*

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The endoscope and accessories are compatible with several methods of reprocessing. For information concerning the applicable reprocessing methods and parameters, refer to Section 3.2, “List of the compatible methods”. Additionally, some reprocessing methods may cause degradation of medical devices that shortens product life. For information concerning degradation of medical devices from reprocessing and its number of times, refer to Section 3.13, “Signs of degradation from reprocessing and its number of times”.

Follow the policies at your local institution when choosing which methods to employ.



### CAUTION

- The methods listed as “compatible” in Table 3.1 are compatible for routine use only when used according to manufacturer’s instructions. Repeated use and reprocessing of endoscopes and accessories leads to gradual wear and tear. Furthermore, reprocessing methods that employ higher temperatures and more caustic/corrosive materials may lead to faster deterioration. In general, sterilization processes are harsher on equipment than disinfection processes. Before each patient procedure, inspect the endoscope and accessories for damage, according to the instructions described in this manual and its companion “OPERATION MANUAL”.
- The instructions provided in this manual regarding compatible reprocessing methods are not valid for Olympus devices repaired by a non-Olympus facility. Olympus repairs devices to manufacturer’s specifications using original equipment manufacturer’s (OEM) materials. The use of non-OEM materials to repair an Olympus device may affect the material compatibility and reprocessing efficacy of the device with certain reprocessing chemicals or methods. In the event that your device has been repaired by a non-Olympus facility, contact the repair facility for instructions regarding compatible reprocessing methods.

## 3.2 List of the compatible methods

Reprocessing methods listed in Table 3.1 have been validated with this endoscope and accessories. For details on the chemicals and devices that can be used, refer to Section 3.4 and subsequent sections. About the compatible methods for the luer-split (MAJ-2092) and the forceps/irrigation plug (isolated type) (MAJ-891), refer to their instruction manuals, respectively.

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			Endoscope 	Sterilization cap (MAJ-1538) 
Ultrasonic cleaning* <sup>1</sup>				
Manual cleaning	Alkaline enzymatic detergent			
	Neutral enzymatic detergent			
Manual disinfection	Peracetic acid			
	Glutaraldehyde			
Drying	Alcohol			
Automatic cleaning and disinfection	AER	ETD Double (Peracetic acid)		
		ETD 4 (Peracetic acid)		
		ETD 4 (Glutaraldehyde)		
		OER-AW* <sup>2</sup> (Peracetic acid)* <sup>3</sup>		
	WD (alkaline detergent, thermal disinfection)			

Sterilization	Hydrogen peroxide *6	V-PRO® maX (Flexible cycle)		
		STERRAD® NX® with ALLClear™ Technology (Advanced cycle)		*4*5
		STERRAD® NX® (Advanced cycle)		*4*5
		STERRAD® 100NX® with ALLClear™ Technology (Duo cycle)		*5
		STERRAD® 100NX® (Duo cycle)		*5
		STERRAD® 100S (Long cycle with booster)		*4*5
		STERRAD® 100S (Long cycle)		
	Steam (autoclaving)			
	Ethylene oxide gas			
	Low Temperature steam and formaldehyde (LTSF)			



compatible



not compatible

Table 3.1 List of compatible methods

- \*1 The endoscope is only compatible with ultrasonic cleaning as performed in an Olympus-recommended reprocessor, such as OER-AW. When using an AER/WD that is recommended by Olympus other than listed above, contact Olympus.
- \*2 OER-AW is not available in member states of the EU.
- \*3 ACECIDE disinfectant solution, which is peracetic acid, is exclusively for an Olympus-recommended endoscope reprocessor, such as OER-AW (ACECIDE may not be available in some areas).
- \*4 If sterilized alone, use appropriate packaging and sterilize under the appropriate parameters following the policies at your facility.
- \*5 This product can be used to sterilize the endoscope when combined with the endoscope which is compatible with the sterilization shown on the left.
- \*6 The cycles that are not listed in Table 3.1 can not be used for reprocessing.