

ETD Mini

Smart Endoscope Reprocessing



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With the ETD Mini, Olympus is entering a new level of endoscope reprocessing. Thanks to the implementation of the Olympus PAA Pro process chemicals, the new adapter concept and the open basket system, the ETD Mini will support you in optimizing your daily endoscope reprocessing workflow while enhancing patient and user safety.

The Size That Suits Your Needs

The two design options of the ETD Mini allow an adjustment to your individual endoscope reprocessing needs. You will be able to make use of either a single-chamber or a double-chamber version.

Various Process Options

The ETD Mini comes in a PAA and a GA version, allowing the use of Olympus PAA Pro process chemicals or Olympus GA process chemicals.



The New ETD Mini Is Designed To:



Facilitate
Your Reprocessing
Workflow



Enhance Patient and
User Safety



Allow Stress-Free
Operation

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Short Reprocessing Process

The use of the Olympus PAA Pro process chemicals — EndoDet Pro, EndoDis Pro and EndoAct Pro — supports a short reprocessing cycle time of just 20 (*) minutes, consequently allowing you to perform more endoscopies per day!

* With 35°C water inlet temperature.



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Facilitate Your Reprocessing Workflow



Asynchronous Concept

The ETD Mini can be used as a single-chamber or a double-chamber option. This option allows two asynchronous reprocessing processes to be started — whenever an endoscope requires reprocessing.



Active Purging

The active air-purging function supports removal of liquids from endoscope channels during different process stages and at the end of the reprocessing process, thereby improving process efficacy and reducing manual workload.



Efficiency

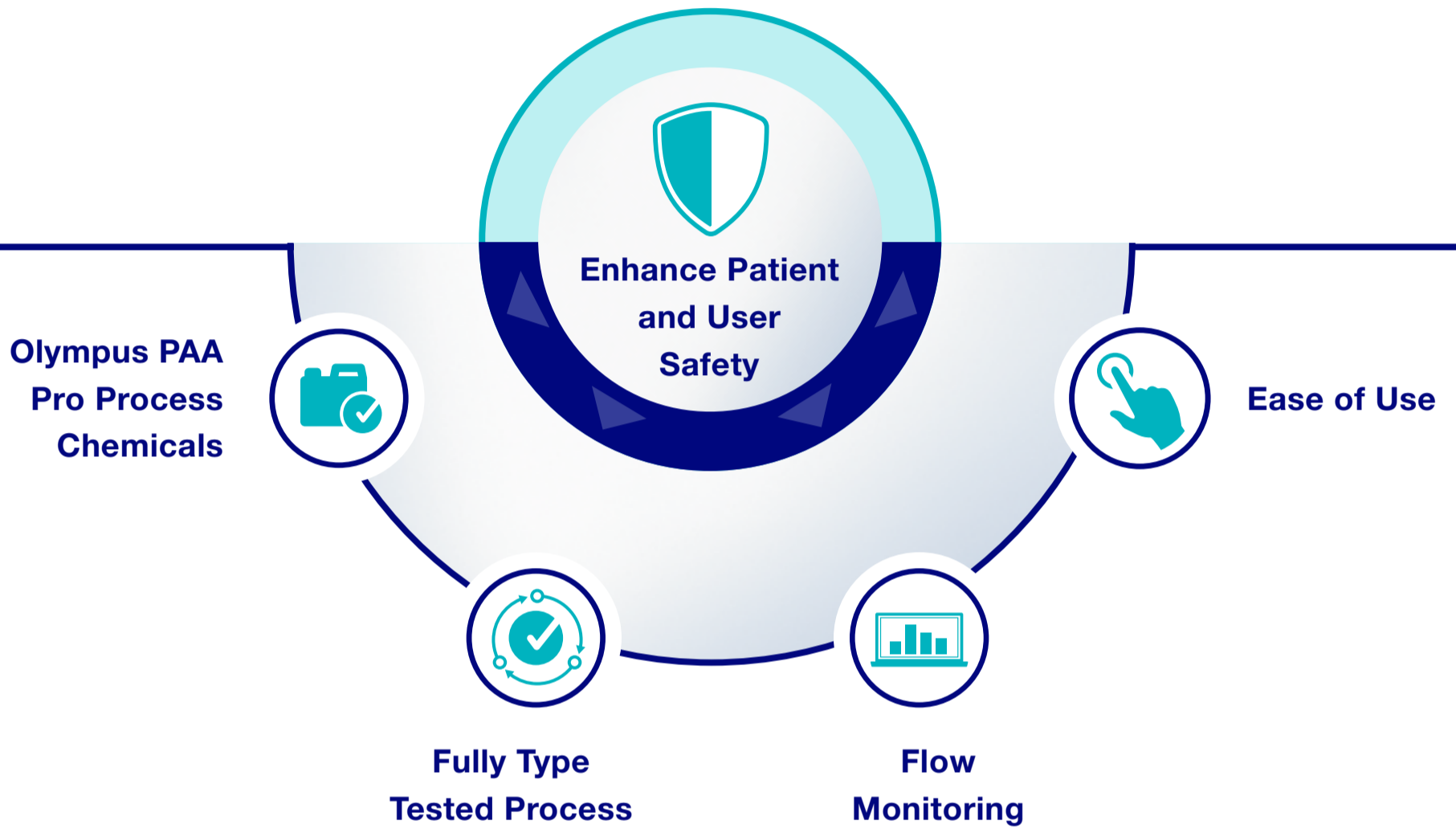
The use of Olympus PAA Pro process chemicals in the ETD Mini saves up to 10% in process chemicals* with no compromise in process efficacy. In addition, thanks to the new design of all three chemical containers, less residual chemicals will remain inside empty canisters. This will reduce your workload because the need to exchange canisters is less frequent.

* Compared to Olympus EndoDet, EndoDis and EndoAct used inside miniETD2.



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Enhance Patient and User Safety



New Olympus PAA Pro Process Chemicals with New Canister Design

The PAA Pro process chemicals for the ETD Mini come in a new canister design with a unique color-coded connector system, which improves your safety by significantly avoiding exposure to the chemistry and error-free canister exchange.



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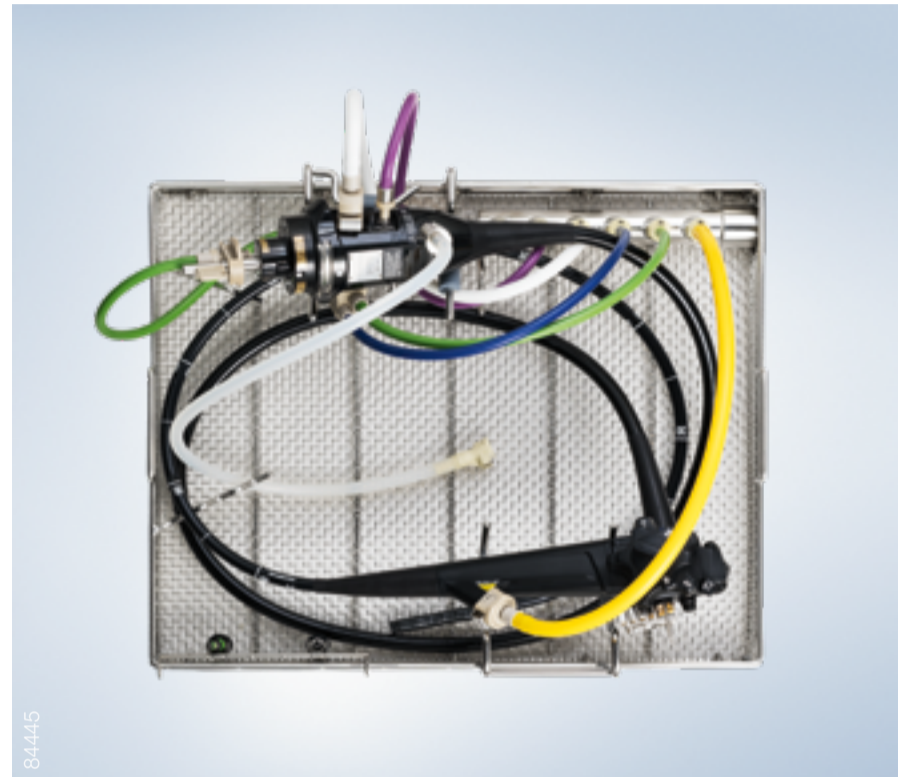
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Fully Type Tested Process with Real Endoscopes

ETD Mini and the Olympus PAA Pro process chemicals are fully type tested with real endoscopes of all considerable brands in accordance with EN ISO 15883. Real endoscopes are more complex in design compared to dummies. Therefore, our type testing results reflect the real-life reprocessing situation much better than tests that were performed by applying endoscope dummies.



Flow Monitoring

Olympus ensures proper references for flow monitoring through the channels of your endoscopes. This assures a high level of safety and reduces time and effort for setup of endoscopes. This is our approach to hygiene and safe reprocessing.



Ease of Use

You are able to place your endoscopes and connect channels of the endoscope to the adapter completely outside of the machine. For quick and safe adaptation of your endoscopes, the single-channel adapter concept is color-coded and easy to connect. This reduces the risk of errors and improves patient safety. The elevated washing chamber means ergonomic height, which results in improved handling for the user.



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Allow Stress-Free Operation



Material Compatibility

With no sacrifice to their performance, the Olympus PAA Pro process chemicals have an excellent material compatibility, which supports an increased availability of your endoscopes.



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High-Quality Components

Stainless-steel parts and housing and the expertly processed components ensure a long lifetime of your investment.



Documentation



The ETD Mini ensures seamless documentation by providing an integrated printer as well as a USB port for downloading the reprocessing reports for digital documentation. Using Hytrack, the Olympus modular reprocessing documentation software solution, the traceability of your reprocessing workflow is simplified. The software ensures fully integrated and electronic documentation of the entire reprocessing workflow.



Comprehensive Service Support

By choosing services from Olympus, you can be assured that you are getting the most value from your equipment. The focus of our service offering is to find the balance between optimal equipment availability for your organization (uptime), which leads to highly reliable and smooth workflows and meeting your budgetary requirements.



Technical Data			
		Single Chamber	Double Chamber
Dimensions	Width	600 mm	750 mm
	Depth	630 mm	746 mm
	Height	945 mm (without castors) 1200 mm (with castors)	1,659 mm
	Weight	98 kg	216 kg
Electrical Power Supply 230 V	Voltage	230 V AC / 50 Hz	
	Power consumption	3,050 W	
Ambient Operating Conditions	Installation location	Only for indoor use	
	Maximum altitude	< 2000 m above sea level	
Water Supply	Water quality	The water must comply to the requirements of the European Drinking Water Directive 98/83/EG	
	Water temperature max.	35°C	
	Water hardness	4° dH	
Noise Level		56 dB(A)	
Protection Class		IP21	
Regulatory Status		This device complies with the requirements of Directive 93/42/EEC concerning medical devices. Classification: Class IIb.	
Waste Electrical and Electronic Equipment		In accordance with European Directive 2012/19/EC on Waste Electrical and Electronic Equipment, this symbol indicates that the product must not be disposed of as unsorted municipal waste but should be collected separately. For return and/or collection systems available in your country, contact an Olympus representative.	
Type Testing		Tested with real endoscopes	
Compatibility of Flexible Endoscopes		The ETD Mini now offers compatibility with a wide range of flexible endoscopes: Olympus, Pentax, Fujifilm, Richard Wolf and Karl Storz.	
Compliance with EN ISO 15883		The Olympus ETD Mini is fully compliant with EN ISO 15883-1 and 15883-4. This has been proven with type testing and thorough microbiological testing at a variety of independent hygiene institutes.	

As medical knowledge is constantly growing, technical modifications or changes of the product design, product specifications, accessories and service offerings may be required.