

Specifications and Technical Data

Specifications	Type	EDC Plus
	Number of endoscope positions	4 or 8 (12 or 16 with optional expansion unit)
	Drying time (default setting)	120 minutes
	Storage time (default setting)	168 hours
	Ambient temperature location	+5°C up to +40°C
	Relative humidity location	10% up to 75%
Dimensions	EDC Plus 4-scope core unit	W x D x H: 860 x 470 x 2130–2210 mm (height-adjustable feet)
	EDC Plus 8-scope core unit	W x D x H: 1280 x 470 x 2130–2210 mm (height-adjustable feet)
	EDC Plus 4-scope expansion unit	W x D x H: 680 x 470 x 2130–2210 mm (height-adjustable feet)
	EDC Plus 8-scope expansion unit	W x D x H: 1100 x 470 x 2130–2210 mm (height-adjustable feet)
	Weight of core unit	75 kg or 150 kg (4 or 8 endoscope units)
	Weight of expansion unit	50 kg or 100 kg (4 or 8 endoscope units)
	Depth of chamber	350 mm
	Volume of cabinet	0.35 m ³ or 0.65 m ³ (4 or 8 endoscope units)
Electrical Connections	Power supply	220–240 V
	Connections	L1, N, PE
	Frequency	50–60 Hz
	Max. current	1.0 A
	Max. power consumption	130 W or 230 W (expansion or core unit)
	Air Supply	Compressed air
Connection		Preferably ½" inner or 3/8" outer thread (hose Ø 8 mm)
Pressure		3–8 bar
Atmospheric dew point		–43°C
Max. consumption		50 l/min or 100 l/min (4 or 8 endoscope units)
Max. consumption per endoscope		602.5 l/h (drying) or 300 l/h (storage)
Air Feed into chamber	Internal ventilator	Approx. 15m ³ /h
	HEPA filter	H13
	Resistance HEPA filter	250 Pa
Network Connections	Connections	TCP/IP
Standards	EN16442:2015	Yes

EDC PLUS

Build Your Own Drying and Storage Cabinet



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Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

YOUR CHOICE – THE EDC PLUS MODULES

Optimal drying and storage of endoscopes are of high importance in an endoscopy workflow in order to meet high standards of protection and hygiene after reprocessing.



EDC Plus is specifically designed to provide a flexible solution for the endoscope drying and storage needs by enabling a range of functionalities and flexibility. EDC Plus comprises a suite of modular, vertical, second-generation Olympus endoscope drying and storage cabinets, from which customers can choose the best configuration for their requirements.

One core unit accommodating four or eight endoscopes can stand alone or be extended with additional modules that hold either four or eight endoscopes. If no access is available to pressurized dry air, an optional air drying unit can complete the endoscope drying and storage arrangement.

EDC Plus Core Unit

The EDC Plus core unit has an increased capacity compared with its predecessor, so now up to eight endoscopes can be dried and stored at any time. The integrated touch-sensitive display enables easy control over the core unit and the optional expansion unit.



EDC Plus Expansion Unit 8

To expand the capacity of the EDC Plus core unit, simply connect an EDC Plus expansion unit for eight endoscopes to the core unit. This allows drying and storage of an additional eight endoscopes, taking the drying/storage capacity up to a maximum of 16 endoscopes.



EDC Plus Expansion Unit 4

To expand the capacity of the EDC Plus core unit, simply connect an EDC Plus expansion unit for four endoscopes to the core unit. This allows drying and storage of an additional four endoscopes, taking the drying/storage capacity up to a maximum of 12 endoscopes.



Air Drying Unit

An optional air drying unit absorbs remaining moisture from compressed air for fast and hygienic endoscope drying. One air drying unit can supply up to 24 endoscopes or up to three EDC Plus core or expansion units.



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ONE POWER SUPPLY UNIT, SEVERAL ADVANTAGES

Independent Air Flow Cycles

Two independent air flow cycles dry the complete outer and inner surface of the endoscope. All types of inner channels are dried by compressed dry air. HEPA filtered air is used for drying the outside of the endoscopes. The air flow is continuously monitored by independent sensors for each endoscope and generates an overpressure inside the EDC Plus unit.



Clear Visibility of Endoscope Status

A multi-color touch display visualizes the status of each endoscope within the unit, showing whether an endoscope is drying, is already dry, or an error has occurred. Above each endoscope, a multi-color LED also indicates the status of the endoscopes, applying the same color scheme as the display. This facilitates efficient identification of a specific endoscope and allows ongoing monitoring of the endoscope status..

Transparency in Workflow

EDC Plus units are equipped with glass doors. This enables a clear view of the current usage and capacity of each unit. This contributes to the efficiency of the workflow.



Traceability and Documentation

With specific documentation software, users can store important information and keep track of endoscopes, user data, and drying and storage time. It is also possible to print registers displaying this information.

Door Lock Function

Enabling the locking function of the EDC Plus means that only registered users are able to open the doors. This provides secure storage and controlled access to the endoscopes.

New Multiendoscope Holders

New ergonomically shaped multiendoscope holders are part of the EDC Plus units. They allow the easy placement and removal of a large variety of endoscope types and brands. Endoscopes are directly connected to the endoscope holder via dedicated adapters that enable drying of the inner channels. At the same time, enough space for endoscope accessories is provided.



Y-Holders for Long Endoscopes

Designed to minimize the contact area with an endoscope, new Y-holders position the distal end of long endoscopes. The Y-holders can be placed anywhere at the bottom of an EDC Plus unit for maximum flexibility.



Set Up to Facilitate Maintenance and Servicing

All relevant monitoring equipment is located inside the control unit, which facilitates easy access for service and maintenance.



Clean Design

The internal surfaces of the EDC Plus units are designed for optimal cleaning and maintenance activities to help maintain the environment of the valuable endoscopes.

Professional Service for High Uptime and a Secure Investment

Olympus provides a level of service support that extends far beyond mere repairs. Unique service solutions increase equipment uptime and keep processes running reliably. Professionally qualified Olympus service technicians conduct specialist maintenance procedures that fully comply with Original Equipment Manufacturer (OEM) standards to ensure a secure investment for customers.

TAKING A CLOSER LOOK AT THE REPROCESSING JOURNEY

Enjoy seamless compatibility with the Olympus CDS System Approach, encompassing the complete spectrum of endoscope reprocessing.

Olympus – Your Partner for All Endoscopy Needs

For decades, Olympus has been a global market leader in endoscopy and a trusted name in endoscope reprocessing. Based on our valuable expertise in endoscope hygiene, we developed an entire system for the reprocessing room: the CDS System Approach.

CDS System Approach

Olympus endoscope reprocessing is more than cleaning and disinfecting endoscopes. It also includes drying and storing endoscopes in dedicated cabinets (EDC Plus) as well as ergonomically and safely transporting them (ETS Plus). All these building blocks are compatible with one another and also work seamlessly with dedicated Olympus traceability functions.

