OLYMPUS

Your Vision, Our Future

REPROCESSING AND DOCUMENTATION

CDS System Approach and ENDOALPHA.

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ADVANCING THE ART OF OR INTEGRATION

The ENDOALPHA System Is the Fully Integrated Solution for Endoscopy, Consisting of Modular Components That Are Combined to Suit the Hospital's Individual Needs.

Each room and department is equipped with components that create an ergonomic environment with optimized work flow and maximum efficiency. ENDOALPHA Documentation, Video Management, and Control are selectively installed according to Olympus' gold-standard specifications and maintained with top-quality service. When the efficient, reliable exchange of information is one of the primary goals of an endoscopy integration project, a common platform for that exchange is the cornerstone of any project. The platform forms part of the hospital information infrastructure as a whole, contributing to and exchanging information with the centralized hospital database. Readily accessible, centralized information about patients, procedures, and support processes opens up new possibilities for understanding these processes, improved collaboration between departments, time savings for staff, and ultimately better treatment for patients.

DOCUMENTATION

ENDOALPHA Documentation Captures All Information Relevant to Endoscopy In a Centralized Database of Patient Data, Procedure Data, Reports, Images and Videos, Making Them Readily Available Anywhere in the Hospital.

The automatic exchange of information between new and existing systems (PACS, HIS) eliminates the inefficiency of double entries and increases accuracy. By capturing and linking reprocessing information like ETD data and drying and storage durations of individual scopes to the examination data, ENDOALPHA Documentation provides full traceability, complemented by the automatic scope recognition at the video processor, which prevents the need for manual data entry.

CDS SYSTEM APPROACH

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Enjoy Seamless Compatibility with the Olympus CDS System Approach, Which Encompasses the Complete Spectrum of Endoscope Reprocessing.

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). All these building blocks are compatible with one another and also work seamlessly with the ENDOALPHA Documentation solution.

ETD DOUBLE

ETD Double Provides Hospitals with the Most Advanced Solutions for Efficient and Reproducible Hygiene Results. Versatility and Capacity Add a New Dimension of Speed and Efficiency to Busy Endoscopy Departments.

ETD Double Highlights:

- Double-door design for clear separation of the dirty and clean endocopes during the reprocessing stages.
- Simultaneous reprocessing of up to three flexible endoscopes.
- Innovative adapters that are easy to use and support safe reprocessing of endoscope channels.
- Open tray concept for utmost flexibility during placement of all endoscopes, and tailored to support the flow of endoscopes in the reprocessing area.
- Single-channel flow monitoring of up to seven channels for function compatible endoscopes.
- Sliding glass doors and illuminated washing chamber for more transparency at every phase of the reprocessing process.
- Fully automated endoscope, user, and process-chemistry tracing, based on RFID technology.

EDC PLUS

EDC Plus Is Specifically Designed to Provide a Flexible, Modular Solution to Your Endoscope Drying and Storage Needs. EDC Plus Combines Design, as well as Hygienic and Ergonomic Aspects, with Latest Technological Features.

EDC Plus Highlights:

- Modular concept with capacities of 8, 12, or 16 endoscopes per cabinet to allow you to “build your own drying cabinet.”
- Individual endoscope air supply and airflow monitoring.
- Use of compressed dry air (medical-air quality) for safe handling of endoscopes.
- Ergonomically shaped scope holders for easy scope placement.
- Touch-screen display and multicolored LEDs to ease usability.
- RFID-based endoscope and user tracing as a basis for detailed traceability and documentation.
- Compliance with the latest European guidelines.

CDS SYSTEM APPROACH AND ENDOALPHA

ETD Double Specifications

Type	ETD Double
Capacity	3 flexible medical endoscopes
Process	Compatible with Olympus PAA process chemistry
Outer Casing	Stainless steel
Interfaces	TCP/IP
User Interface	Graphical user interface – touch display

EDC Plus Specifications

Type	EDC Plus
Number of Endoscope Positions	8 (optional upgrade to 12 or 16 endoscopes)
Drying Time (Default Setting)	120 minutes (2 hours)
Storage Time (Default Setting)	168 hours (7 days)
Endoscope Drying Conditions	Ambient temperature/no heating
Air Supply	Compressed dry air of medical-grade quality
Interfaces	TCP/IP/Network
User Interface	Graphical user interface – touch display

ENDOALPHA Documentation

- Storage of all relevant examination data, such as procedure type, room, attending physician, medication, indication, endoscope used (automatic identification for OLYMPUS EVIS EXERA endoscopes), diagnosis, and the start/end times of the examination, in a central database.
- Capturing of high- and standard-definition images and videos.
- Creation of high-quality, standardized procedure reports including text and images.
- Integration of PCI (billing, procedure, and diagnosis) codes for efficient, standardized administration and billing.
- Complete traceability of endoscopes during examination and reprocessing.
- Seamless integration into the existing hospital IT environment via HL7 and DICOM.

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