

MATRIX cabinet with retractable monitor and FALKONNECT video processor

Advanced digital dentistry system combining the MATRIX stainless steel cabinet with a motorized retractable 43” monitor and the Falkonnect video management system to centralize and display up to four video sources from medical imaging devices.

Available on request

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Categories: Multimedia Units

Description

MATRIX cabinet with retractable monitor and FALKONNECT video processor for digital dentistry

Advanced digital dentistry system combining the MATRIX stainless steel cabinet with a motorized retractable 43” monitor and the FALKONNECT multi-source video processor to centralize and manage up to four medical imaging sources within a single clinical workstation.

Product description

The **MATRIX with FALKONNECT system** is designed for **digital dentistry workflows and real-time medical video management**, enabling clinicians to centralize imaging sources and clinical data on a single display.

The **MATRIX stainless steel cabinet** integrates a **motorized retractable 43” monitor**, allowing the working surface to remain clean, uncluttered and compliant with clinical hygiene standards when the display is not in use, while providing immediate access to digital visualization during procedures.

The **FALKONNECT video processor** enables simultaneous connection and management of multiple medical imaging devices, including:

- intraoral cameras
- operating microscopes
- radiographic systems
- intraoral scanners and digital imaging platforms

The system allows clinicians to **display up to four video sources simultaneously on a single monitor**, with fully customizable layouts tailored to different clinical procedures and workflows.

Control is intuitive and immediate via the **FALKONNECT control interface**, eliminating the need for direct interaction with the PC and allowing continuous focus on the clinical procedure.

Custom display layouts can be configured and stored, enabling rapid switching between different visualization setups depending on treatment requirements.

This solution is ideal for **advanced dental practices, surgical environments and digital clinics** requiring efficient integration of imaging technologies, optimized clinical workflows and enhanced visualization.

Key features

- **MATRIX medical-grade stainless steel cabinet**
- **motorized retractable 43” monitor**
- **FALKONNECT multi-source video processor**
- management of up to **4 simultaneous video inputs**
- **customizable multi-layout display**
- intuitive control via **FALKONNECT interface**
- centralization of **medical imaging data**
- integration with **digital dentistry and surgical imaging systems**

Technical specifications

MATRIX cabinet

- medical-grade stainless steel construction
- dimensions: **1500 × 650 × 1020 mm (h)**
- **43” motorized retractable monitor**

FALKONNECT system

- **multi-source video management**
- **multi-window and customizable layout display**
- control via **FALKONNECT interface**