



control-x
MEDICAL

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COBRA

MOTORIZED MOBILE X-RAY SYSTEM

SUPERCHARGED MOBILE RADIOLOGY



PRODUCT HIGHLIGHTS

PRECISION IMAGING WITH ADVANCED DIGITAL X-RAY SYSTEM

- **Excellent Image Quality** with fully integrated high performance DR system



- **High-powered 32kW or 50kW generator** facilitates deep penetration imaging, ensuring clear diagnostic results
- **Fully integrated Wireless Digital Auto Exposure Control (DAEC)** optimizes image quality while reducing radiation dose
- **Rotating anode X-ray tube (130kV, 107kHU)** ensures extended durability and superior imaging consistency

EFFORTLESS MOBILITY & ERGONOMIC DESIGN

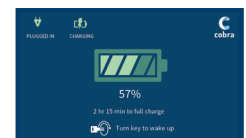
- **Motorized drive system** with **power-assisted movement up to 5 km/h** ensures easy transport even in tight spaces
- **Suite of advanced anti-collision sensors** (lasers and bumper) enhance safety and prevent accidental impacts
- **Telescopic column with +/- 270° rotation** enables effortless positioning at the patient's bedside
- **Ergonomic handle design & large, intuitive control panels** reduce operator fatigue and improve ease of use



22" Touch-screen Monitor with full acquisition software



10" Device User Interface to access all System functions



Charging Mode



Driving Mode



Exposure Mode

- **Easy to clean surfaces** allow quick and effective disinfection

PRODUCT HIGHLIGHTS

SEAMLESS WORKFLOW & SMART INTEGRATION

- **Wireless digital radiography (DR) panels** allow instant image capture and review
- **Innovative LED feedback to assist Operators** (Charging, System Standby, Tube angle setting, Exposure Preparation, Exposure, Obstacle, Collision, System Error)
- **In-bay charging for 2 DR Panels** for safe and efficient operation
- **Integrated Device Monitoring, remote diagnostics & predictive maintenance** – suite of internal sensors provide real-time error detection and system health monitoring
- **Proprietary intelligent battery management system** optimizes power efficiency for continuous workflow and multi-shift operation with minimum downtime

A screenshot of the system monitoring software interface. The interface is dark-themed and displays a table of system components with their status. The table includes columns for component name, version, serial number, and firmware version. The status of each component is indicated by a colored bar (green for good, yellow for warning, red for error).

Component	HW Version	Serial	FW Version	Status
SMU	COB08A11	072001284	1.0.0	OK
SMU	COB08A11	072001285	1.0.0	OK
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SMU	COB08A11	072001287	1.0.0	OK
SMU	COB08A11	072001288	1.0.0	OK
SMU	COB08A11	072001289	1.0.0	OK
SMU	COB08A11	072001290	1.0.0	OK
SMU	COB08A11	072001291	1.0.0	OK
SMU	COB08A11	072001292	1.0.0	OK
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SMU	COB08A11	072001399	1.0.0	OK
SMU	COB08A11	072001400	1.0.0	OK



Full charge (0-100%) in 120 minutes | 6 km device movement and 2000 X-ray exposures or 50 hours standby on a single charge

- **Seamless DICOM integration** ensures fast image transfer to hospital PACS systems



PRODUCT HIGHLIGHTS

VERSATILITY ACROSS MULTIPLE CLINICAL SETTINGS

COBRA is designed to meet the imaging needs of various medical departments:



• **Emergency Rooms (ERs):** Rapid bedside imaging for trauma and critical care patients



• **Intensive Care Units (ICUs):** Mobile X-ray eliminates the need for patient transport



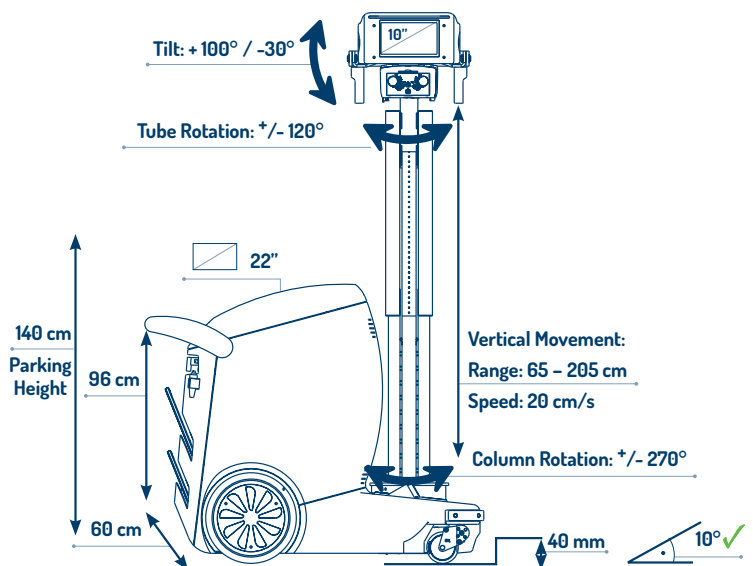
• **Pediatrics & Geriatrics:** Specialized settings ensure optimized imaging for sensitive patients



• **Hospital Wards & Isolation Units:** Wireless and contactless imaging solutions enhance infection control

TECHNICAL SPECIFICATIONS

FEATURE	SPECIFICATION
Generator Output	32kW or 50kW
Tube Voltage	Up to 130kV
Anode Type	Rotating anode
Focus Spot	0.6 / 1.3 mm dual focus
Movement Speed	Up to 5 km/h
System Weight	<400 kg
Power Input	110 – 230 VAC, 50/60 Hz
Battery Options	LiFePo or Lead Acid



SUPPORT & SERVICE

In addition to advanced Remote Diagnostics the COBRA Mobile X-ray comes with the low Total Cost of Ownership customers are used to from Control-X Medical, as well as highly professional, multi-tier customer support via our local partners and Control-X Medical support engineers.

COBRA meets and exceeds current industry standards, providing healthcare professionals with a **technologically advanced, reliable, safe and efficient** mobile imaging solution.

Control-X Medical cPlc. H-2120 Dunakeszi, Röntgen Street 6., Hungary



+36 1 381 0301



sales@cxmed.com



cxmed.com

