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# MANTA CARDIX 915C C-arm X-ray machine with EUROCOLUMBUS table (Reconditioned)

- Used,
- Technical condition: very good,
- Visual condition: very good,
- Manufactured in Italy,
- Power supply: 230 V,
- Included:
  - MANTA Model CARDIX 915C C-arm X-ray machine,
    - Generator:
      - Inverter frequency: 40 kHz,
      - Generator exposure power: 15 kW,
      - Setting range kV: 40 - 120 kV,
      - X-ray exposure modes:
        - Continuous fluoroscopy,
        - HCF pulsed fluoroscopy,
        - Pulsed digital fluorography,
        - Single Snap Shot Digital Fluorography,
        - Classical radiography on X-Ray cassette,
      - Range of mAs of classical radiography on X-Ray cassette: 0.5 to 280 mAs,
      - Continuous fluoroscopy currents: 0.5 to 5 mAs,
      - HCF pulsed fluoroscopy currents: 10, 20 and 30 mA,
      - Continuous and pulsed HCF fluoroscopy frame rate: 30 images/s,
      - Pulsed fluorography currents: 10 - 150 mA,
      - Pulse fluorography refresh rate: 6, 15 and 30 images/s,
      - X-Ray exposure elapsed time metering: YES - Acoustic alarm every 5 min...)
    - X-ray lamp and cap:
      - X-ray tube anode type: Rotating / 3000 rpm,
      - X-ray tube focus size / power: 0.3 mm /12 kW and 0.8 mm / 49.5 kW,
      - X-ray tube anode heat capacity: 600 kHU,
      - Anode material: W-Re-C,
      - Maximum X-ray tube anode cooling rate: 162 kHU/min (2000 W),
      - Automatic protection against overheating: Yes,
      - X-ray tube cap heat capacity: 2,450 kHU,
      - Cap cooling: Liquid,
      - Cap cooling power: 1000 W,
    - Vision path:
      - Nominal diameter of x-ray image intensifier: 9" / 23 cm,
      - Switchable usable diameters of x-ray image intensifier: 21.5 / 16 / 12 cm,
      - DQE ratio of x-ray image intensifier: 65%,
      - Carbon-cased anti-scatter caster: R10:1 ; L 150 pJ/cm; F 100 cm,
      - CCD TV camera: matrix 1024 x 1024 pixel x 12 bit,
      - D/A processing: 32 bit,
      - Monochrome LCD monitors (2 pcs): 18" 1024 x 1280 pixels,
      - Two handles for mobility,
      - Mobile on casters with brakes,
    - Range of motion:
      - C-arc arm movements: Motorized / electric motors,
      - Motorized angulation (rotation about the longitudinal axis of the C-arc):  $\pm 185^\circ$ ,
      - Motorized orbital motion (rotation about transverse axis of C arc):  $120^\circ (+90^\circ; -30^\circ)$ ,
      - Motorized rotation around tripod axis:  $\pm 12,0^\circ$ ,
      - Motorized vertical displacement: 40 cm,
      - Horizontal travel: 20.0 cm,
      - Depth of arc "C": 75.0 cm,
      - Free space (operational): 71.0 cm,
    - Equipped with:
      - X-ray exposure button:
      - Manual for radiography,
      - Foot switch for fluoroscopy and fluorography,
      - User manual in Polish (PDF),
  - Cart with digital X-ray image archiving and presentation and correction system:
    - Equipped with two BARCO 15" monitors,
    - Format of stored image: 1024 x 1024 pixels x 12 bit,
    - Fluoroscopy storage and archiving: 10 complete procedures: YES,
    - Number of images archived on HDD only: 50,000 images,
    - Real-time procedures:
      - Super fast real-time image recording: YES,
      - Single and pulse acquisition: YES,
      - Automatic image storage - automatic transfer to HD: YES,
      - Digital filters: YES,
      - Film Loop: YES,
      - Image Inversion: vertical / horizontal and positive / negative,
      - X-ray noise averaging: YES,
      - Electronic rotation of stored image: YES,
      - Presentation and storage of the last LIH image after completed X-ray exposure: YES,
      - Basic anatomical programs as standard: Bone / orthopedic and contrast,
      - Preparation for complementary anatomical programs available after OPTIONAL / ADDITIONAL purchase of software only: Cardiac and Angiographic,
    - Post examination procedures (postprocessing):
      - IT database management of patients and their x-ray images with search engine: YES,
      - Access to short and long term archive from control console: YES,
      - Patient information and exposure parameters on current and stored X-ray images: YES,
      - Electronic rotation of stored image: With a step of  $1^\circ$ ,
      - Image Inversion: Vertical / horizontal and positive / negative,
      - Edge highlighting: YES,
      - Contrast and brightness windowing: YES,
      - Film loop image review: YES,
      - Electronic magnifications: YES,
      - Virtual electronic obscuration (collimation) of x-ray images: YES,
      - ROI presentation of region of interest: YES,
      - Region of interest ROI, for better analysis of the study: YES,
      - Editing comments and on image: YES,
      - Save and edit patient data: YES,
      - Multi-image (mosaic) presentation: YES,
      - Computer: With recorder,
      - Alphanumeric keyboard and mouse: YES,
      - CD/DVD burner for Dicom and JPEG / AVI format images: YES,
      - DICOM Procedures:
        - DICOM Storage,
        - DICOM Print,
        - DICOM Worklist,
        - DICOM Commitment,
        - DICOM CD/DVD,
  - EUROCOLUMBUS X-ray Table Model ALIENCT:
    - Alienct is a single-segment X-ray table with a floating top,
    - Infinitely adjustable tabletop position:
      - Longitudinal slide,
      - Transverse slide,
    - Height change by foot attachment within 30 cm,
    - Electric height adjustment of the table with wired remote control in the range: 82 - 112.5 cm,
    - Equipped with:
      - "C" arm control console,
      - Console for controlling the table top,
      - Wired remote control,
    - Mobile, on casters, including two with brakes,
  - Overall dimensions:
    - "C" arm: 88 x 187 x 220 cm,
    - Trolley with monitors: 75 x 85 x 162 cm,
    - Table: 92 x 212 x 83 cm,
    - Mattress: 52 x 210 x 4.5 cm,
  - Weight:
    - "C" arm: 247 kg,
    - Carriage with monitors: 175 kg,
  - Table: 315 kg,
  - Valid technical passport issued,
  - Warranty:
    - 6 months for domestic market - Poland,
    - 3 months for the international market,
  - Possibility of financing (Poland only): Installments, Leasing, Loan,

If you have any questions, please do not hesitate to contact us!

In case you don't find the product you are interested in, please get in touch with us and we will do our best to find the perfect solution for YOU.

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