

MobileDaRt Evolution

Premium digital mobile X-ray system for pediatrics

Merging clinical feedback with the most advanced technologies available on the market, the MobileDaRt Evolution now offers premium applicability for pediatric use. The new CXDI-60C amorphous silicon flat panel detector has a scintillator comprising of cesium iodide (CsI) crystals which optimize light-channelling properties for effective X-ray absorption and excellent signal-to-noise performance.

- **New CXDI-60C flat panel detector**
acquires high-resolution, high contrast diagnostic images with minimum X-ray exposures
- **Gaining time – X-ray images within just 3 seconds**
optimized by a multitude of post-processing functions
- **Handling benefits**
through easy placement, e.g. in standard incubators
- **Advanced operability features**
through customer-driven design adding comfort and safety during bedside operation
- **Happy, children-oriented design**
helps to distract and relax the children before examination



Standard features

- »Inch-mover« and »All-free« buttons
- Hand switch
- Color-coded status indicator
- Safety bumper and safety chime
- Power assisted steering bar
- DICOM Print, Store, MWM
- 15" touch-screen

Useful options

- Dose area product meter (DAP)
- Keyless password lock
- Remote control function
- Wireless LAN
- Handle height option
- Pediatric filter
- Click-on grid for FPD

Most-modern technical specifications

Flat panel detector	CXDI-60C
Scintillator	CsI, thallium-activated cesium iodide
Sensitivity	high
Image size, weight	23 x 28 cm, 2.5 kg
Maximum power	32 kW
Maximum tube current	400 mA
Minimum exposure time	1 ms
Focus	dual (0.7 mm / 1.3 mm)
Anatomical programs	144
Image verification	3 sec.
Image storage	3.500
Telescopic arm length	635 to 1,200 mm
Column rotation range	+/- 270°
Movement	power-assisted driving
Weight	approx. 420 kg
Dimensions (footprint)	1,220 mm (l) x 580 mm (w)

MobileDaRt Evolution
goes to Pediatric 

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