

mindray

MobiEye 700 Series Leaflet

Mobile Digital Radiography

Mobile. Flexible. Reliable



www.mindray.com

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healthcare within reach

MobiEye 700

Mobility

- Compact and lightweight motor-driven design.
- Features an 80,000 mAh powerful lithium battery.
- Fully automated control with remote and one-hand 360° in-position turning capability.



Flexibility

- A bionic arm with 7 joints for superior flexibility, adjustable using inductive handles located on both the tube head and the bionic arm itself.



Standing Column
 $\pm 340^\circ$



Tube horizontal
 $\pm 90^\circ$



Arm Vertical Rotation
0-90°



Tube Vertical Range
230cm



Tube vertical rotation
 $\pm 90^\circ$



Tube tilting angle
-30°---90°



Collimator rotation
 $\pm 100^\circ$

Reliability

- Transportation security: Includes a 270° anti-collision sensor in front of the bumper.
- Infrared sensor: Activates the detector holder and FPD lock.
- FPD battery security: Features in-position charging for the FPD.
- Power management system: Utilizes four powerful independent battery capacitors.



Tips

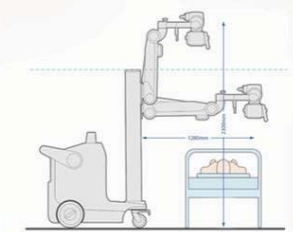
Mobility

- The entire system is fully motor-driven, with a compact width of 55 cm and a light weight of just 370 kg, making it easy to transport to any location.
- The 80,000 mAh battery supports 7 days of durability (standby), 70 km of travel, and up to 700 image captures when fully charged, while enabling easy climbing of a 12° slope.
- It achieves 360° in-position turning using either a remote or single-handedly, which is especially useful in situations where one hand may need to be free, such as when entering a lift.



Flexibility

- With just one hand or even just a few fingers on the handle, you can effortlessly maneuver the arm to desired positions (7 joints), such as lifting to a 2.3m height suitable for a supine position at 1.8m SID, without the need for pressing buttons or handles.



Reliability

- A radar sensor positioned in front of the bumper prevents collisions with passengers.
- The FPD can be securely locked in a dedicated slot to prevent theft.
- With the FPD securely in place during charging, there is no need to worry about overnight charging. This ensures the FPD remains functional with continuous battery support.
- Unlike other systems reliant on a single battery that can cause system failure if damaged, our system features four independent batteries, each capable of supporting full functionality on its own.

