

**WDM**

**M50-1A**

*Mobile Radiographic Unit*

Precision & Vision



**WDM**

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Note: Design and specification subject to change without notice.

## New Generation **100 $\mu$ m** Detector Mobile DR

The new generation M50-1A mobile DR is equipped with 100 $\mu$ m large FPD and exposure visualization technology, which provides visualized patient positioning and remote exposure control in compartment.

The M50-1A features an exquisite structural design that incorporates a narrow body and lightweight design, making it easy to manage different scenes in routine use, such as in general ward, ICU, or elevator.

// **High-definition view**  
*subtle details*

// **Smart design**  
*full application*

// **Remote exposure visualization**  
*more care to medical staffs*



# High Definition Imaging



## Wireless 100µm flat panel

100µm imaging, clear and durable

**2.4/5G** 2.4GHz/5.0GHz Dual-band wireless transmission

**17x17** 17"×17" Large size imaging field

**100µm** 100µm Pixel pitch

**1800** 18 Million pixels

**IP56** Ingress protection level IP56

**10x12** 10"×12" 100µm FPD (optional)

**⚡** Support exposure under grid power connection

**🛡️** Overcharge/overcurrent protection to reduce battery capacity attenuation

## Low dose high quality imaging

**RDSR** Dicom structured report to monitor the radiation dose (DAP meter required).

**DAP** Optional DAP meter.

## Strong power, long lasting acquisition

**50KW** 50kW High power output

**300KHU** 300kHU anode heat capacity

# Smart and Agile, Full Application

## Compact structure, free moving

Small and light, easy to move and meet comprehensive diagnostic needs

**80km**

Long-distance movement

**250kg**

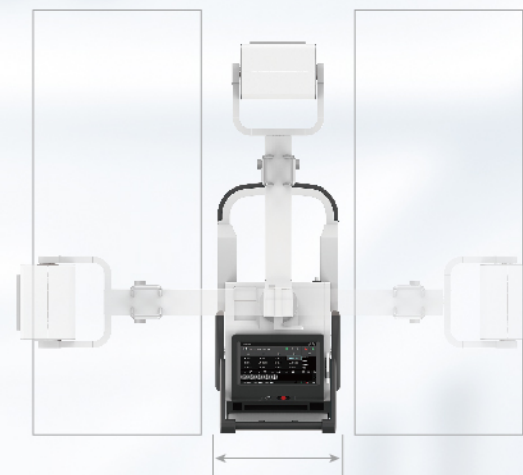
Lightweight design

**15°**

Climbing ability

**Electric assisting**

One-hand easy moving and operating



## Small size design

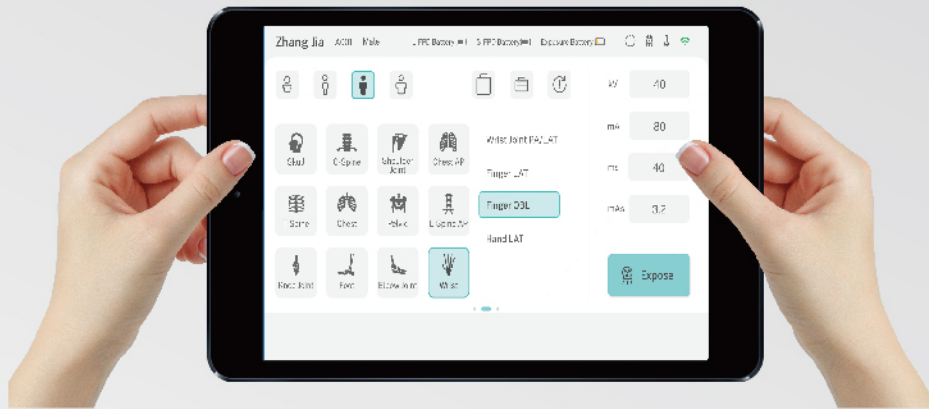
Access to narrow passage  
Easy bedside diagnosis



Inclined design  
free view



# Efficient Operation

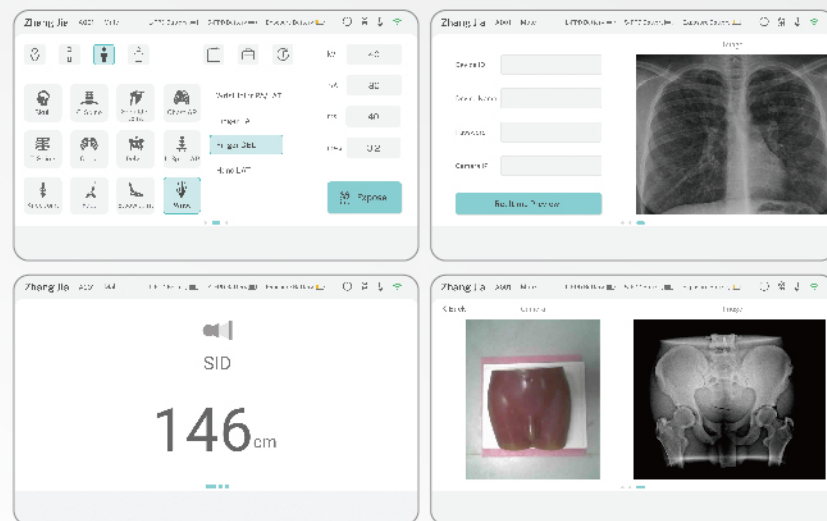


## "Tele-Eye" Exposure Visualization System

Visualized cross-room guidance for accurate positioning.  
 Real-time posture and positioning observation.  
 Exposure remote control and real-time preview.

Avoid repeated exposure.  
 Special care for newborns, infants and patients in critical status.

- Patient information
- APR selection
- Exposure parameter setting
- FPD battery display
- Laser measurement SID



## Tube LCD Screen

Comprehensive information display, smart one-touch operation.



## One-key Unlock

Intelligent lock, one hand to release the folding arm.

## Flexible Positioning

Flexible multi-axis joint motion, covering a wide range of quick positioning.

# User-friendly Design

## Enclosed structure to prevent cross-infection

Integrated design, no exposed cables, quick and convenient disinfection. Special customized material, away from infectious contamination.



Ergonomic handle

Slot design

Place for stationery

