

MobileDiagnost wDR

Specifications

Mobile unit

Mobile X-ray unit with telescopic X-ray tube arm and wireless portable detector

| | |
|---------------------------------|--|
| Dimensions (l x w x h) | 1375 mm x 670 mm x 1980 mm (54.1"x26.4"x78") |
| Wheel base | 600 mm (23.6") |
| Motorization | 0 – 5 km/h (0 – 3.1 mph) |
| Focal point distance from floor | max: 2020 mm (79.5"); min: 550 mm (21.7") |
| Focal point distance to column | max: 1250 mm (49.2"); min: 700 mm (27.5") |
| Tube column rotation | ± 315° |



Generator

High frequency generator

MobileDiagnost wDR Performance

| | |
|----------------|---------------|
| Power | 20 kW |
| mA range | 10 – 320 mA |
| mAs range | 0.1 – 500 mAs |
| Exposure times | 0.001 – 10 s |

MobileDiagnost wDR High performance

| | |
|----------------|---------------|
| Power | 40 kW |
| mA range | 10 – 500 mA |
| mAs range | 0.1 – 500 mAs |
| Exposure times | 0.001 – 10 s |

Tube and collimator

High speed tube with dual focal spots

MobileDiagnost wDR Performance 0.3 / 1.0

MobileDiagnost wDR High performance 0.7 / 1.3

Collimator with SID laser indication and built-in filter disk



Wireless portable detector

Digital Cesium Iodide (CsI) flat detector

| | |
|-------------------|---|
| Detector size | 35 cm x 43 cm (14" x 17") |
| Image matrix size | 3,000 pixel x 2,372 pixel |
| Image resolution | up to 3.47 Lp/mm |
| Pixel size | 144 µm |
| Matrix depth | 16 bit/pixel |
| Weight typical | 4.8 kg (10.6 lbs) |
| Click-on grids | r = 8:1, fo= 1300 mm (51.2") in portrait or landscape orientation |





Eleva user interface

Common platform for all Philips radiography and radiography/fluoroscopy systems

- Monitor 17" touch-screen monitor
- Typical time to display preview image 5 seconds
- Image storage up to 4,000 images
- Generator control integrated into graphical user interface more than 600 pre-programmable settings (APRs)
- UNIQUE multi-resolution image processing



Convenient functions

- Handswitch with release button and collimator light check
- Retractable LAN cable for back-up connection
- Fine positioning from tube head
- Anti-collision sensor and brakes



Options

- Wireless remote control for exposure and collimator light
- Dose Area Product meter
- Accessories for the wireless portable detector: click-on grids, hygienic bags, detector holders (moveable holder and bed holder)



http://www.healthcare.philips.com/main/products/xray/products/radiography/mobile/mobileDiagnost_wDR/index.wpd
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