

DDR MAK - 1100 Digital Radiography System

SPECIFICATIONS

Flat panel detector:

Imaging Area:	422 mm x 406 mm
Number of Pixels	6.7 million (each pixel 160 microns)
Dynamic Range	14 bit ADC, 12 bit exported
Image Readout Time	< 2 seconds
Fill Factor	Near 100%
Connectivity	DICOM Compatible

Motorized swivel arm:

Dual-speed motorized movement for:	1) SID adjustment; 2) arm elevating movement 3) Rotation of the arm
Source-to-image distance (SID)	100-180 cm (40-72") continuously adjustable (dual-speed motorized movement)
Vertical travel	1.215 mm (47.8")
Rotation angle	150° (90° +/- 30°)

Image detector cabinet:

Detector cabinet with Integrated Control Panel	- image digital detector: maximum size: 43 cm x 43 cm (17" x 17") - range of tilt: +/- 45°
Unit fixation system Image Detector Cabinet	Floor to ceiling support Motorized rotation movement

Grid type	1) Reciprocating bucky (oscillating grid) (103 lines / Ratio 12:1 / f = 150 cm / 59") 2) Grid cabinet + non oscillating interchangeable grid a) 1st. grid - 180 lines / Ratio 12:1 / f = 100 cm / 39.4" b) 2nd grid - 180 lines / Ratio 12:1 / f = 180 cm / 70.9"
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Mobile patient table:

Table-top composition	Carbon Fiber
Patient capacity	200 kg (441 lb)
Dimensions (L x W x H)	2.000 mm x 650 mm x 700 mm (78.7" x 25.6" x 27.6")

Specifications subject to change without prior notice.



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Main column:

Floor to wall mounted support
Dual-speed motorized swivel arm
vertical movement for effortless
and accurate setting

X-Ray generator:

Compact X-ray generator (up to 80 kW
output power) available in three power
versions: line powered / battery powered /
capacitor assisted

Collimator:

- Automatic Collimator
- Linear laser beam for patient positioning
in combination with light field indicator
- Rails for accessories
- Measuring tape

Weights:

- Net weight: 324 kg (714.3 lb)
- (mobile table and digital image detector are
not included)
- Mobile table net weight:
a) standard table: 46 kg (101.4 lb)
b) carbon fiber table: 30 kg (66.1 lb)



