

DELWORKS LLI

LONG LENGTH DIRECT RADIOGRAPHY SYSTEM

Improve workflow and decrease patient dose with DELWORKS LLI. The extensive image area of 17 x 42 in (43 x 107 cm) enables full spine and long leg imaging with just one exposure. DELWORKS LLI eliminates potential stitching misalignments for improved confidence in diagnosis. Portability allows upright or supine image acquisition. Developed with highly sensitive AED (Automatic Exposure Detection) technology, DELWORKS LLI can be easily connected and synchronized with any x-ray generator.

Key Highlights

Largest Active Imaging Area

-17 x 42 in (43 x 107 cm)

Optimized Workflow

- 9 second image display

Lower Dose

Long Length and Routine Studies

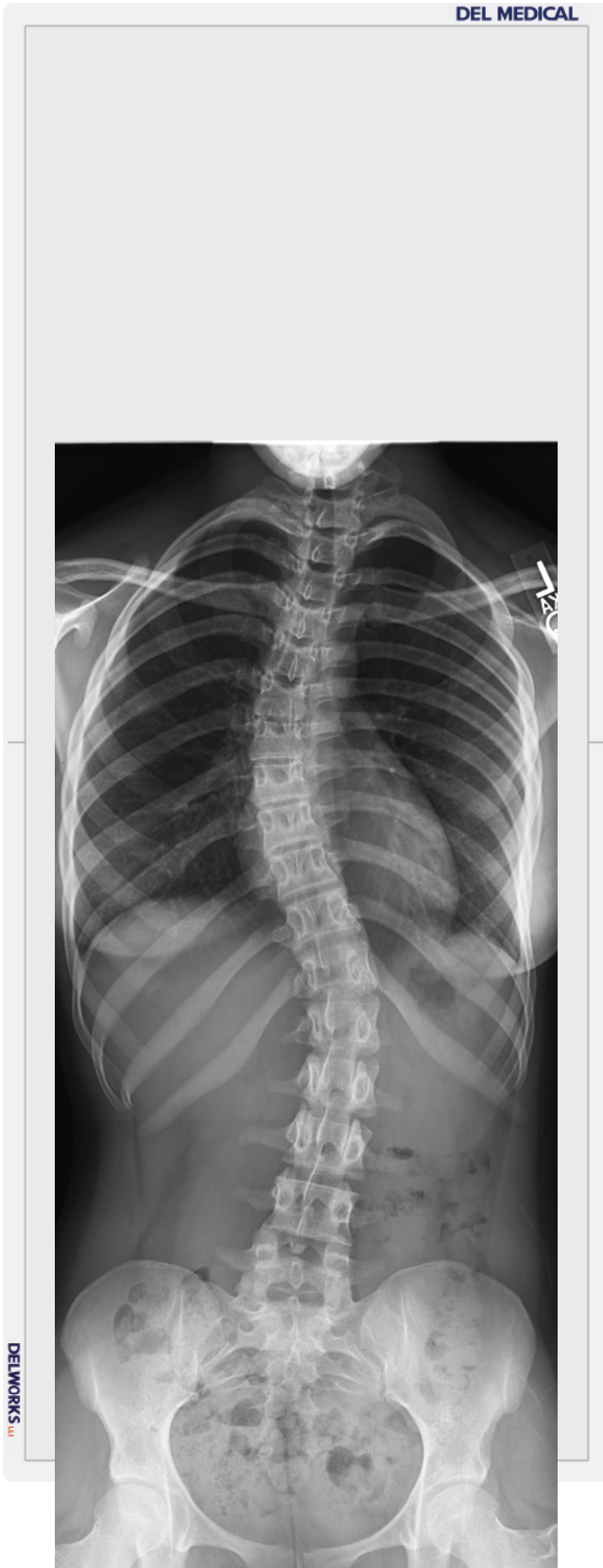
Portability

- Weighing only 24 lbs. (11 kg)

Wireless or Wired Transfer

High Resolution Imaging

- 3072 x 7680 image matrix / 140 micron pixel resolution

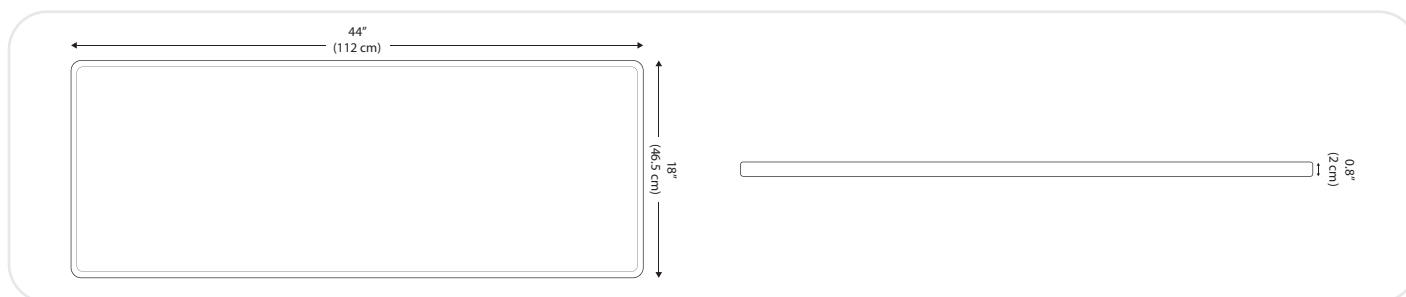


Technical Specifications

* All specifications subject to change without notice

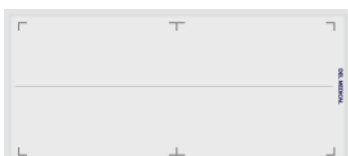
DELWORKS LLI

Detector Technology:	a-Si
Scintillator:	Gadolinium Oxysulfide
Active Image Area:	17 x 42 in (43 x 107 cm)
Pixel Matrix:	3072 x 7680 (24 mp)
Pixel Pitch:	140 µm
A/D Conversion:	16 bit
Minimum Detectable Dose:	14nGy
Maximum Linear Dose (RQA5):	110uGy
MTF @ 1.0 LP/mm:	0.65/0.50
MTF @ 2.0 LP/mm:	0.33/0.21
MTF @ 3.0 LP/mm:	0.18/0.10
DQE @ 0.0 LP/mm (2.5uGy):	0.60/0.35
DQE @ 1.0 LP/mm (2.5uGy):	0.45/0.22
DQE @ 2.0 LP/mm (2.5uGy):	0.32/0.15
DQE @ 3.0 LP/mm (2.5uGy):	0.15/0.07
Ghost (% , 300uGy, 60s):	<0.25
Spatial Resolution:	3.6 LP/mm
Image Display:	9 sec.
X-ray Voltage Range:	40 - 150 kV
Data Interface:	GigE, 802.11ac Wifi
Power Dissipation:	30 W
Adapter Input:	AC 100 - 240 V, 50 - 60 Hz
Adapter Output:	DC 24 V, 60 W
Dimensions:	18 x 44 x 0.8 in (46.5 x 112 x 2 cm)
Weight:	24 lbs (11 kg)
Detector Housing Material:	Carbon, Al Alloy
Water Tightness:	IPX3



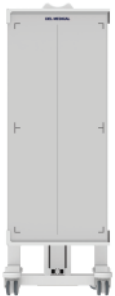
Supine Detector Cover

Dimensions:	54.4 x 24 x 3.4 in (138.2 x 61 x 8.6 cm)
Weight Limit:	500 lb (227 kg)



Mobile Positioning Holder

Weight (Unloaded):	152 lbs (77 kg)
Weight (with Detector and Grid):	188 lbs (76.2 kg)
Dimensions:	30 x 23.25 x 40 in (76.2 x 59 x 101.6 cm)
Total Vertical Travel:	44 in (111.75 cm)
Pneumatic Piston Vertical Travel:	19 in (48.25 cm)
Horizontal Arm Vertical Travel:	25 in (63.5 cm)
Horizontal Stroke (Telescoping Arm):	8.125 in (20.6 cm)
Max. Height Active Imaging Area - Portrait:	78 in (198 cm)
Min. Height Active Imaging Area - Portrait:	1.5 in (3.8 cm)
Max. Height Active Imaging Area - Landscape:	65.5 in (166.4 cm)
Min. Height Active Imaging Area - Landscape:	6.75 in (17.1 cm)
Max. Height Active Imaging Area - Undertable:	63 in (160 cm)
Min. Height Active Imaging Area - Undertable:	21 in (53.3 cm)



Mobile Vertical Holder

Weight (Unloaded):	88 lbs (40 kg)
Weight (with Detector and Grid):	126 lbs (57.3 kg)
Dimensions:	50 x 24 x 22 in (127 x 61 x 56 cm)
Total Vertical Travel:	27 in (68.6 cm)
Max. Height Active Imaging Area - Portrait:	71 in (180 cm)
Min. Height Active Imaging Area - Portrait:	1.75 in (4.44 cm)
Max. Height Active Imaging Area - Landscape:	58.5 in (148.6 cm)
Min. Height Active Imaging Area - Landscape:	13.5 in (34.3 cm)



DEL MEDICAL



#9000-DELWORKSLLI-DS 10.20 Rev. B

New York

28 Calvert Street
Harrison, NY 10528
(Tel) 800.261.9808
(Fax) 914.835.6111

Illinois

241 Covington Drive
Bloomington, IL 60108
(Tel) 800.800.6006
(Fax) 847.288.7011

www.delmedical.com