

SMALL YET MIGHTY: THE NEW mKDR Xpress™ MOBILE X-RAY SYSTEM



CHANGE THE WAY YOU THINK ABOUT MOBILE X-RAY SYSTEMS. THE MKDR XPRESS TAKES MOBILE X-RAY SYSTEMS TO A WHOLE NEW LEVEL OF IMAGING

Imagine an intuitive and customizable user interface in a compact and powerful digital radiology system that meets the most demanding portable X-ray imaging needs. Integrated with AeroDR® digital imaging technology, the mKDR Xpress Mobile X-ray System goes where you need it to go, helping technologists make **better decisions, sooner.**

State-of-the-art imaging software supports detailed bone and soft tissue visualization.

BIG PERFORMANCE IN A SMALL FOOTPRINT.

SMART MOBILE RADIOGRAPHY IS HERE.

TUBE MOUNTED

USER INTERFACE AND
IMAGE PREVIEW

40 kW
MONOBLOCK
GENERATOR

LASER LIGHT
ALIGNMENT

**REMOTE
EXPOSURE
CONTROL**

ON BOARD
CHARGING FOR
TWO PANELS

CUSTOMIZABLE USER INTERFACE
WITH ADVANCED
IMAGE PROCESSING

Featuring *AeroDR*® Technology



HIGH DEFINITION

100μ @ 72% DQE
(@ 0 cycle/mm)[1]



LONG LASTING

Up to 4 hrs. of use
on a 13-minute charge



FLEXIBLE

Multiple Panel Sizes
10"x12", 14"x17", 17"x17"



TOUGH

Can hold up to 880 lbs.



RESILIENT

MIL-STD 810G drop resistance
IPX6 liquid resistance

An Imaging Game Changer. INTRODUCING THE mKDR XPRESS™ MOBILE X-RAY SYSTEM WITH DDR

For exceptional imaging performance in a small footprint, Konica Minolta's newest mobile X-ray system, the mKDR Xpress, reimagines portable X-ray. It's the smallest and lightest portable X-ray system available today and is easy-to-use with a customizable mobile specific user interface, remote control and front and back collimator controls complete with laser alignment.

Technologists are ready for the most demanding mobile X-ray imaging needs with on-board charging for two panels and front and back storage for panels and consumables. A tube-mounted graphical user interface and image preview helps ensure the best image is captured in all applications and environments.

Using the mKDR Xpress Mobile X-ray System and AeroDR® Carbon Flat Panel Detector together delivers a synchronized, smart imaging solution for greater efficiency and optimal image quality. The dual-screen configuration gives technologists the ability to control and view images at the patient side.

DYNAMIC DIGITAL RADIOGRAPHY (DDR) OPTION

DDR is an enhanced X-ray technology that provides individual digital images acquired at high speed and low dose. The resulting cineloop enables clinicians to observe anatomical motion over time, enhancing diagnostic capabilities. The motion series can be analyzed and quantified with the advanced image processing capability of DDR.

DDR is not fluoroscopy; DDR is X-ray that moves!



mKDR | Xpress Mobile X-Ray System

TECHNICAL SPECIFICATIONS*

MOBILE

Weight	1191 lbs
Size (LxWxH)	48"x 21.5"x 50.8"
Console screen	19" Touch screen
Max. speed, ramp	3.4 m/hr, 8 °
Anti-collision system	Proximity sensor at front bumpers
Battery	Charge capacity: 15Ah Charge time: approx. 8hr Storage capacity: 5,760Wh
Battery performance	15m @ 3.1m/hr (full charge)
Collimator	Manual Collimator, double laser and motorized filter

GENERATOR

Output power	40 kW - Monoblock
kVp range	40–150 kV
mA range	10–500 mA
Exposure time range	1 msec to 10 sec (1 msec to 4 sec for DR)
mAs range	0.1 mAs to 500 mAs

X-RAY TUBE

Anode kHU / kVp	300 kHU / 150 kVp
Focal spot	0.7 mm / 1.3 mm
Target angle	16°

*Specification may change without notice.



For more information about these products, please contact your Konica Minolta Sales Representative.

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