

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



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

## 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.**

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**

CUSTOMIZABLE USER INTERFACE  
WITH ADVANCED  
**IMAGE PROCESSING**

ON BOARD  
CHARGING FOR  
**TWO PANELS**



Featuring *AeroDR*<sup>®</sup> Technology



### HIGH DEFINITION

100 $\mu$  @ 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

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

### GENERATOR

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

### X-RAY TUBE

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

\*Specification may change without notice.



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

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