

JME ADVANCED INSPECTION SYSTEMS

# JME:MXI

MOBILE X-RAY INSPECTION

## ■ ENGINEERED TO ADDRESS THE EVOLVING CHALLENGES ACROSS INDUSTRIES

FOR FIXED AND PORTABLE SOLUTIONS



## JME:MXI-MOBILE X-RAY INSPECTION

PIPELINE CRAWLERS BETATRON PORTABLE X-RAY DIGITAL RADIOGRAPHY

**JME** have partnered with **Luka-X** to provide a turnkey solution for a multitude of varying applications and industry requirements in one product, the **JME:MXI**.

Providing **JME's** renowned name for Quality and reliability, partnered with the innovation and engineering excellence of **Luka-X**, there really is no better mix.

### A VERSATILE SYSTEM:

The **JME:MXI** comes equipped with three tube cradles and an optional HV cable quick disconnect. Allowing the user to swap tubes based on their application requirements in 5 minutes. SAVING COST, REDUCING DOWN TIME AND MAXIMISING YOUR CAPABILITIES.

### ■ DECREASED DOWNTIME

When your stationary X-Ray system faces downtime and requires repairs that may take days, weeks, or months, the **JME:MXI** steps in. Ready to be wheeled in and installed in 60 minutes or less.

### ■ PLUG AND PLAY

A truly plug-and-play system, the **JME:MXI** ships fully integrated with an X-Ray system and interfaces seamlessly with all the necessary safety interlocks and warning beacons.

### ■ COST SAVING

The impact of extended system downtime is undeniable - every minute translates to potential financial losses, reduced productivity, and a halt in critical inspections.

**JME**  
ADVANCED INSPECTION SYSTEMS

**LUKA-X**



PROUDLY SUPPLYING THE NDT INDUSTRY FOR OVER 35 YEARS



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# TECHNICAL SPECIFICATIONS

|                | JME:MXI:160              | JME:MXI:225              |
|----------------|--------------------------|--------------------------|
| Weight         | 950lbs (431kg)           | 1050lbs (476kg)          |
| Height x Width | 50" x 30" (127cm x 76cm) | 50" x 30" (127cm x 76cm) |
| HV Adjustment  | 7.5 - 160kV              | 10 - 225kV               |
| mA Adjustment  | 0 - 45mA                 | 0 - 30mA                 |
| Max Power      | 3000W                    | 4500W                    |
| Cable Length   | 5m - 35m                 | 5 - 35m                  |
| Input Power    | 208-264VAC 50/60Hz       | 208-264VAC 50/60Hz       |

All specifications correct at time of printing - Please check for alterations before purchase

## JME:MXI TUBE OPTIONS

### 160kV

| Tube Type             | Rating      | Focal Spot EN 12543 | Beam Coverage |
|-----------------------|-------------|---------------------|---------------|
| MXI   160/8-1800/4030 | 800W/1800W  | 0.4/1.0mm           | 40° x 30°     |
| MXI   160/6-1600/40   | 640W/1600W  | 1.0/3.0mm           | 40°           |
| MXI   160/6-3000/40   | 640W/3000W  | 1.0/5.5mm           | 40°           |
| MXI   160/3000/40     | 3000W       | 7.5mm               | 40°           |
| MXI   160/1000/36040  | 1000W       | i-0.4mm x w-4.0mm   | 360° x 40°    |
| MXI   160/320/4030    | 320W        | 0.5mm               | 40° x 30°     |
| MXI   160/640/40      | 640W/640W   | 1.0/1.0mm           | 40°           |
| MXI   160/3000/40D    | 3000W       | i-1mm x w-10mm      | 40°           |
| MXI   160/1000/40     | 1000W/1000W | 1.0/1.0mm           | 40°           |
| MXI   160/1000/6025   | 1000W       | 1.0mm               | 60° x 25°     |

### 225kV

| Tube Type             | Rating        | Focal Spot EN 12543 | Beam Coverage |
|-----------------------|---------------|---------------------|---------------|
| MXI   225/5-200/4040  | 50W/130W/200W | FS19/FS15/FS13      | 40° x 40°     |
| MXI   225/2500/4040D  | 2500W/2500W   | 1.5/1.5mm           | 40° x 40°     |
| MXI   225/0000/4040D  | ***           | 0.6/0.6mm           | 40° x 40°     |
| MXI   225/81800/4030D | 800W/1800W    | 0.4/1.0mm           | 40° x 30°     |
| MXI   225/81800/9025D | 800W/1800W    | 0.4/1.0mm           | 90° x 25°     |
| MXI   225/61600/40D   | 640W/1600W    | 1.0/3.0mm           | 40°           |
| MXI   225/63000/40D   | 640W/3000W    | 1.0/5.5mm           | 40°           |
| MXI   225/320/4030    | 320W          | 0.5mm               | 40° x 30°     |
| MXI   225/3000/9030   | 3000W         | 5.5mm               | 90° x 30°     |
| MXI   225/3000/9030F  | 3000W         | 5.5mm               | 90° x 30°     |
| MXI   225/64500/40    | 600W/4500W    | 1.2/5.5mm           | 40°           |
| MXI   225/3000/40     | 3000W         | 7.5mm               | 40°           |
| MXI   225/900/4030    | 900W          | 0.4mm               | 40° x 30°     |



## APPLICATIONS

### EMERGENCY SYSTEM FAILURES

When your on-site system fails, the **JME:MXI** steps in immediately, minimizing delays and maximising profit.

### FACILITY OVERHAULS

During planned maintenance or upgrades, prevent production halts with the **JME:MXI**.

### REMOTE WORKSITES

Ideal for inspections in remote locations where sending equipment for repair can be difficult and costly.

### CRITICAL INSPECTIONS

For industries where inspections are time-sensitive and any downtime is detrimental.

### AIRCRAFT INSPECTION

The use of a directional tube is ideal for wing structures, but when inspecting the fuselage and cockpit, a panoramic tube may be a better fit. The **JME:MXI** can reduce the need for additional equipment, reduce the total amount of exposures needed thus saving time/money and increasing productivity.

### TRAINING

Operators training is provided as part of the sale. **JME** offers training options for onsite at **JME**, digital, or client location.

### AFTER SALE OPTIONS

**JME** also offers Service Plans and an Extended Warranty on these systems. Contact us for more information.



**SALES AND MANUFACTURING**  
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VIEW THE JME:MXI RANGE at [www.jme.co.uk](http://www.jme.co.uk)

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