

JME ADVANCED INSPECTION SYSTEMS

# PXB:

PORTABLE X-RAY BETATRON

## TRAINING 2

LEVEL 1 MAINTENANCE TRAINING



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# TRAINING 2 LEVEL 1 MAINTENANCE TRAINING COURSE

DURATION: 1 DAY

## COURSE PREREQUISITES/REQUIREMENTS:

- Fluent in English language
- Basic radiation awareness
- Completion of JME Operators Training Course

## COURSE DESCRIPTION:

This course is designed for Operators of JME Betatron systems, providing basic levels of maintenance and troubleshooting for the systems.

## AREAS COVERED:

- Overview of the principles of each component
- Overview of internal components inclusive of explanation of acceleration, expansion, contraction and X-Ray pulse
- Weekly/Monthly service checks
- Identification of all parts contained within spares kit
- Identification of common faults which utilise the spares kit
- Practical Maintenance: Changing the tube and parts contained within the spares kit
- Very basic fault tracing

Please be aware this course covers general maintenance principles only, it does not cover specific local rules and regulations which will need to be applied when operating the Betatron system.

## COURSE OUTCOME:

Upon completion of the course the attendees will be able to safely and correctly maintain a JME Betatron system.

**UPON COMPLETION A CERTIFICATE OF COMPETENCE WILL BE ISSUED**

## SALES AND MANUFACTURING

+44 (0)1502 500969 - sales@jme.co.uk

