

CR2 TEST BOX



NEW MODEL

CR2 DIGITAL TEST BOX

PIPELINE CRAWLERS • BETATRON PORTABLE X-RAY • DIGITAL RADIOGRAPHY

The **CR2 Test Box** is designed to plug into any **CR2 E-Box** via the **E-Box connector** using an interconnecting cable. Using a simple control and interface method the Test Box can perform a variety of tests automatically at the touch of a button.

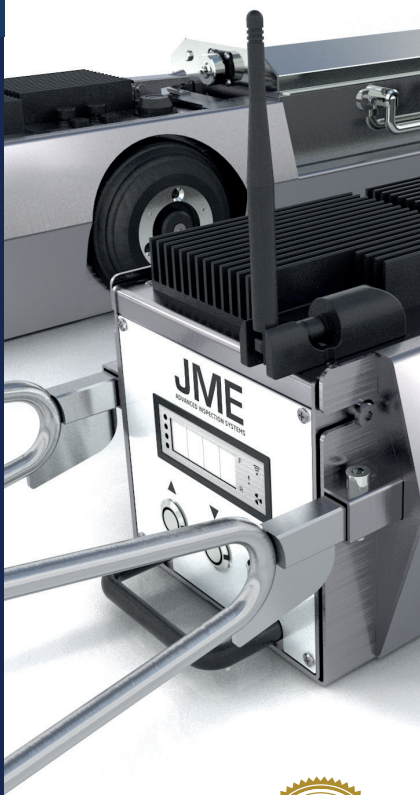
With visual feedback displayed directly on the test box, the user is able to quickly and efficiently identify any faults with the Pipeline Crawler System. Because of its compact size, a full range of tests can be performed on site, minimising down time and allowing the user to quickly replace faulty or damaged components.

The Test Box simulates sending commands to the E-Box to mimic live operation. Each of the following tests can be enabled/disabled to create a custom test routine.

- Motor Volts Check
- ARA Check
- AMAX Check
- Mag Switch Check
- End of Pipe Sensor Check
- Water Sensor Check
- Exposure Check
- Tube Over Heat Check

Any error codes are displayed on the Test Box interface to further identify issues with specific components. In the event that the issue cannot be rectified onsite, error codes can be supplied to JME technicians to aid our support process.

When attaching the Test Box to a PC via the USB port, the included Utility Software can check our server for any available software and firmware updates. This allows you to keep your fleet up to date with any new functionalities and fixes.



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TECHNICAL SPECIFICATIONS

Weight	1.34Kg
Dimensions (L x W x H)	200mm x 175mm x 60mm
Input Voltage	100-240VAC 1.2A 50/60Hz
Input Fuse Rating	T5 Amps
Output Voltage	±40V to ±125VDC 12W Max
Overload Protection	Over current shutdown
Auto Output Power Off	1 Hour
User Input	Single rotary control dial with push button control
E-Boxes Supported	Supports 6CR2, 10CR2 and 24CR2 E-boxes
Service Register	Display fault codes
Automatic Testing Routine	<i>Tests are configured to the E-box Connected which include:</i> System Internal Voltages ▪ Detector inputs, auto detects E-box setting for both with magnetic coil simulation and direct trigger inputs ▪ Sensor inputs, for Water and End of Pipe (EOP) sensors ▪ Motor outputs, measures output voltages and polarity ▪ AMAX ▪ ARA ▪ Tuber overheat Outputs results as fault codes
USB Interface	<i>Ability to run extra functions via the Test Box Utility software which include:</i> Crawler Firmware updating ▪ Manually test the E-box functions Check and set all crawler settings ▪ Read service codes and display possible fixes ▪ Update the RTCC device on the Logic PCB in the E-box

NEW CR2 REMOTE HANDSET CONTROLLER

JME's unique handset, with 4.3" touchscreen and multi-language support, allows external control and monitoring of the crawler whilst operating in the pipe.

This device allows the user to set up and configure the entire system, including X-ray tube/Gamma projector prior to placing it in the pipe. It is also capable of providing real time data from the system whilst in operation. It incorporates safety override and recovery features, making the new crawler systems more intuitive than ever.



SALES AND MANUFACTURING

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VIEW THE JME PIPELINE CRAWLER ACCESSORY RANGE at www.jme.co.uk

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