

# PIPELINE CRAWLER ACCESSORIES

## REMOTE HANDSET

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.

- Crawler configuration via simple user interface
- Real time status monitoring
- Recovers crawler system if electronics fails
- Stops X-ray in an emergency
- Worldwide 2.4 GHz frequency band



## AUDIO/VISUAL RADIATION ALARM

The JME Audio/Visual Radiation Alarm is a tool to assist radiographers in environments where controlled exposure bays are not possible.

Typical applications are landlines and offshore pipeline barges. The Alarm is normally used close to the area of X-ray emission to indicate visually and audibly the presence of Ionising Radiation. The alarm unit is connected to the remote control Handset to provide an accurate representation of the X-ray status.

- Up to 28 Hours operation before recharge
- 87dba siren @ 1 metre
- Radio-linked to the Crawler and the Handset for full 3-state indication
- Integral battery charging
- Compact, Mobile and Versatile
- Excellent Sensitivity (20 micro sieverts/hour)



## PERSONNEL TROLLEY

The Personnel Trolley is intended to convey a man down a pipe line of 24" to 48" diameter.

It is primarily used in recovery operations and internal pipe inspections. The Personnel Trolley has on board lighting both fore and aft, as well as a plug in inspection lamp for more precise requirements. Storage space is available in its main hold.

- On board lighting both fore and aft
- Plug in inspection lamp
- On board tool kit for general repairs
- Forward and reverse controls
- On board storage compartment



## 10 CHANNEL CHARGER

The XCR0068 is a 12V, 10 channel battery charger for lead acid batteries. All 10 of the channels operate individually and are controlled by a microprocessor.

The front display panel will show all of the relevant information about each individual battery and channel. The battery charger uses an algorithm which makes it possible to significantly reduce recharging time. Average re-charge time is 6 hours.

- Individual battery monitoring
- Compact & lightweight
- Triple state charge cycle
- Safety protected
- Thermal protection
- Input 100v - 240v AC



PROUDLY SUPPLYING THE NDT INDUSTRY FOR OVER 30 YEARS



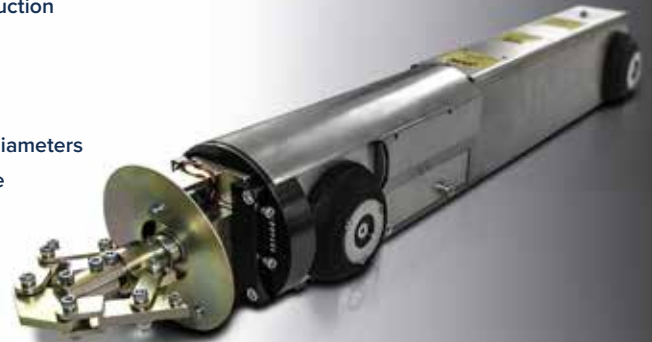
# VIEW THE JME PIPELINE CRAWLER ACCESSORY RANGE at [www.jme.co.uk](http://www.jme.co.uk)

## RECOVERY VEHICLE

Purpose built recovery vehicle complete with latching harpoon. It can be sent into a pipe to recover the main crawler if it should become jammed or disabled.

Even with the very best equipment and on the best regulated projects, there is a possibility of the crawler becoming inoperable in the pipe. This unit will connect to a disabled crawler system allowing the unit to be recovered with the assistance of an attached steel cable.

- Strong stainless steel construction
- Self latching harpoon
- Powerful DC motor
- Fully rechargeable
- Adjustable for various pipe diameters
- 6" and 10" Versions available



## MAGNETIC TRACKER NON ISOTOPE TRACKING SYSTEM

The JME Magnetic Tracking System allows the operator of the Pipeline Crawler to easily locate and track the crawler system within the pipe.

The system can also be used to identify the direction in which the crawler is travelling. The Magnetic Tracking System negates the use of a radioactive isotope in order to locate the crawler, therefore providing an accurate and far safer alternative to isotope tracking with its inherent transportation and storage problems.

- Safe and easy to use
- Audible and Visual Indication
- Accurate crawler location
- Retro-fittable on all JME crawler systems
- Adjustable sensitivity
- Compact and lightweight receiver
- Eliminates need for tracker isotope
- Improved transportation safety
- Improved crawler handling safety



## JME MAGNETOPE NON ISOTOPE CONTROL SYSTEM

JME Crawlers can be supplied with our unique and proven, magnetic control system, replacing conventional isotope control systems and their inherent transportation and storage problems. The Magnetope is easy to install to new and existing JME Crawler equipment.

A magnetic transmitter (Magnetope) is used to control the functions of the crawler in a similar way to the signalling isotope. There are no trailing leads and all commands are executed from outside the pipeline via magnetic transmitter (Magnetope). The unit can be used to command travel, stop and exposure as required by the user.

- Unique crawler control system
- Retro-fittable on all JME crawler systems
- Suitable for use up to 40mm steel thickness
- Accurate positioning and motion control (+/-5mm)
- Activates X-Ray Generator / Gamma Projector
- Rechargeable



**SALES AND MANUFACTURING**  
+44 (0)1502 500969 • [sales@jme.co.uk](mailto:sales@jme.co.uk)



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