

10:CR2:S

PIPELINE CRAWLER



10:CR2:S PIPELINE CRAWLER SYSTEM

PIPELINE CRAWLERS • BETATRON PORTABLE X-RAY • DIGITAL RADIOGRAPHY

JME 10:CR2:S Pipeline Crawlers are designed to produce high-quality panoramic radiographs of circumferential butt welds in new pipelines with an Internal Diameter (ID) between 12" to 48" (305mm to 1220mm).

These units have been developed and proven to work as a fully self-contained, self-powered exposure vehicle both onshore and offshore in the standard 10:CR2 configuration. With the 10:CR2:S providing all of the same components, features and functionality, in a lighter more compact package. Compatible with X-Ray generators of various manufacturers including Balteau, COMET/Yxlon and ICM. The system also integrates with Gamma projectors made by SENTINEL™ and Oserix. The JME Pipeline Crawler system utilises all current 10:CR2 stock, reducing the need for additional spare parts, enabling a crossover of spares while also solving additional pipeline and transport solutions.

NEW 10:CR2:S SYSTEM SPECIFICATIONS

Pipeline ID diameter range	12" to 48" (305mm to 1220mm)
Weight (Excluding X-Ray Tube)	218lbs (99Kg) 31Kg lighter than 10:CR2
Length (Excluding X-Ray Tube)	1370mm (+246mm Recovery Ring) 333mm shorter than 10:CR2
X-Ray tube output options	160kV - 360kV
Power source	Sealed Lead Acid Batteries - 120V
Battery capacity	15Ah
X-Ray Minutes per battery pack	65 (60 sec Exposures)
Motor rating	1x 0.25HP (182W)
Travel speed	Up to 22 metres per minute
Maximum angle of climb (Optimum Conditions)	20° / 36.4%
Mean positioning accuracy	±5mm
Operating temperature range	-20°C to +70°C
Pipe bend radius (SCH 40)	12" 40D, 14" 20D, 16" 20D, 18" 15D, 20" 10D, 24" 5D

ALL 10:CR2:S SYSTEMS COME WITH THE CR2 REMOTE HANDSET

VIEW THE 10:CR2:S WEBPAGE ON WWW.JME.CO.UK FOR FULL TECHNICAL SPECIFICATIONS

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X-RAY GENERATOR OPTIONS



Balteau GFC 160C / GFC 200C / GFC 300C



Yxlon/COMET EVO 200KV or EVO 300KV



ICM SITEX 250KV - 360KV



ICM CP300C 30KV - 300KV

CR2S X-RAY ON TIME - 12M SECTIONS

All the technology from JME's CR2 Range but in a shorter package, and still more X-Ray minutes than your old crawler.

CR1 = 56 minutes
CR2S = 65 minutes (115V)
70 Minutes (112V)

X-Ray minutes calculated at 20°C ambient, with new batteries at 300Kv 3mA.



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