



IKM

I·K·M

TESTING UK



IRM Container 2.0

IKM's self-contained innovative IRM container packages continue to challenge the way industry carries out subsea pipeline pre-commissioning and IRM work, providing a decrease in both vessel mob/demob and operational time. With its larger capacity downline system and increased pressure and flow capabilities, this latest addition to the fleet now allows all the benefits of the original IRM container to be utilised in the deeper waters of the West of Shetland area and Irish Sea.

Benefits

- Bespoke design for pre-commissioning / IRM work
- Reduced mob / demob time:
 - Function testing completed in IKM yard prior to mobilisation
 - Reduction in number of quayside lifts
 - Reduced seafastening
 - Minimal rig-up time
 - 20'x8' dimensions c/w ISO Twist Lock corners to suit standard vessel grillages
- Reduction in required deck space means more space for project equipment
- Fewer hose runs on deck
- Reduced vessel schedules as hose deployment / recovery times are faster than standard tugger deployed method
- When combined with IKM's hydraulic hose chute systems, hose deployment and recovery operations can be completed without any vessel assistance, freeing up deck crew to perform other activities
- Improved safety during high-pressure testing operations as personnel situated away from line-of-fire of all HP pipework



Physical - Dimensions / Weight / Power / Air

Dimensions (L x W x H)	L 6,058mm x W 2,438mm x H 2,895mm
Weight	11,442 kgs
Power Requirements	440V 3PH - 50 / 60 Hz - 250A
Maximum Air Requirements	7 barg - 450 scfm

Technical Specifications

- 900 barg pressure rating
- Rigsafe for back deck operations
- Certified in accordance with DNV 2.7-1:2013
- Internal flowmeters
- Auxiliary pressure testing point Internal flowmeters
- HMI touch screen controls – Pressure and flowrate controlled internally
- Integrated Digital Data-Logging software for recording pressure and volume
- Self-deploying hose reel c/w 600m 1" HP downline and lineout meter



Pump Specifications

Pump	Pump 1 (Electric)	Pump 2 (Electric)	Pump 3 (Air Driven)	Pump 4 (Air Driven)
Pressure	700 barg	500 barg	917 barg	464 barg
Flow	4 - 10 litres / min	10 - 100 litres / min	0 - 16 litres / min	0 - 31 litres / min

