IKM TESTING UK

IRM Container 1.0

IKM's self-contained innovative IRM container challenges the way industry carries out subsea pipeline pre-commissioning and IRM work, providing a decrease in both vessel mob/demob and operational time.

Benefits

- Bespoke design for pre-commissioning / IRM work
- Reduced mobilisation / demobilisation time:
  - Function testing completed in IKM yard prior to mobilisation
  - Reduction in number of quayside lifts
  - Reduced seafastening
  - Minimal rig-up time
- Reduction in required deck space
- Fewer hose runs on deck
- Reduced vessel schedules as hose deployment / recovery time is faster
- 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 4,800 mm x W 2,438mm x H 2,895mm
Weight	8,750 kgs
Power Requirements	440V 3PH - 50 / 60 Hz
Maximum Air Requirements	7 barg - 450 scfm

Technical Specifications

- 1000 barg pressure rated components
- Rigsafe for back deck operations
- Certified in accordance with DNV 2.7-1:2013
- Auxiliary pressure testing point
- HMI touch screen controls – Pressure and flowrate controlled internally
- Digital instrumentation
- Internal flowmeter
- Self-deploying hose reel c/w 240m ¾" HP downline and lineout meter

Pump Specifications

Pump	Pump 1 (Electric)	Pump 2 (Electric)	Pump 3 (Air Driven)	Pump 4 (Air Driven)
Pressure	520 barg	40 barg	917 barg	1,634 barg
Flow	0 - 21 litres / min	0 - 100 litres / min	0 - 16.3 litres / min	0 - 9.1 litres / min