Unit no. TC-53

IKM Testing AS

IRM Container 1.0

Dimensions

Length(mm).....: 4800 Width(mm).....: 2438 Height(mm).....: 2895
Transport weight (kg).....: 8750
Lifting/ Transportation.....: Container with forklift channels and lifting slings. DNV 2.7-1:2013

Area of use / certification

Onshore/offshore.....: Offshore
Standard.....: Rigsafe for back deck operations
Over Pressure (Yes/No).....: Yes

Type

Item type.....: IRM Container 1.0
Container Type.....: Pigging container,Test-/ Instrument container

Content

Content.....: TECHNICAL SPECFICATIONS:
• 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 SPECFICATIONS:
• Pump 1 (Electric) : 520 barg / 0 - 21 litres/min
• Pump 2 (Electric) : 40 barg / 0 - 100 litres/min
• Pump 3 (Air driven) : 917 barg / 0 - 16.3 litres/min
• Pump 4 (Air driven) : 1634 barg / 0 - 9.1 litres/min

Connections

Inlet connection.....: Maximum Air Requirements : 7 barg - 450 scfm

Power supply

El.Power1.....: 440 V (Hz).....: 50/60

Additional information

Equipment / Functions.....: 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
• 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