Unit no. VVT-04

IKM Testing AS

TUBE HEAT EXCHANGER VACUUM TEST KIT

Dimensions

Length(mm).....: 460 Width(mm).....: 250 Height(mm).....: 250
Weight (kg).....: 15
Lifting/ Transportation.....: Tool Box, transport on pallet

Construction year

Built.....: 2010

Area of use / certification

Onshore/offshore.....: Offshore

Type

Fabricator.....: Curtiss Wright
Model.....: G-250

Flow / Pressure / Volume

Range of use - Minimum (Ø mm)....: 7.1
Range of use - Max recom.(Ø mm).: 36.8

Content

Content.....: 1 ea. Air Injection Test Gun
1 ea. Plugging Test Gun
1 ea. Regulator P max 125 PSI
1 ea. Support Tube assy. 7,1mm – 12,3mm ID
2 ea. Support Tube assy. 12,4mm – 21,2mm ID
2 ea. Support Tube assy. 21,3mm – 31,2mm ID
1 ea. X-OVER Hansen –Offshore claw

Connections

Air supply (P@Q).....: 3-8 bar

Additional information

Equipment / Functions.....: Test individual tubes for pinhole leaks using air pressure.

G-250 Vacuum Tube Testing Guns are designed to quickly seal off and evacuate individual heat exchanger tubes to test the tube for leakage. Operation is easy. Connect standard plant air supply to the active vacuum gun and insert the conical seal into the end of the tube to be tested. Insert the passive plugging tool into the opposite end of the tube. Depress the air control valve, air flows through the vacuum generator and evacuates the tube. Release the air control valve and any loss of vacuum indicated on the vacuum gauge identifies a leaking tube. An optional digital vacuum gauge increases the operators ability to detect even the smallest pinhole leaks.