

CONTAINERISED GAS TRANSFILL FACILITY

MOBILE GAS FILLING UNIT- MRI DEWAR/HELIUM/HELIOX



MMO designs & manufactures portable containerised gas compression/transferring unit for Medical, Industrial & Offshore Diving (respiratory) applications. The offshore units are designed, approved & manufactured to the highest international offshore safety standards; DNV 2.7-1 / EN 12079, each & every unit is tested & certified by DNV-GL to secure for offshore norm & handling of up to 300bar pressurised gas filling.

These units come in various type of packs as per customer requirement on flow & pressure rating. Typically 300 bar working pressure compressors are used with pressure controlling systems to set the desired work pressure.

❖ HTF HELIUM/HELIOX

- Helium Compressor 300 bar WP
- Flow capacity 110 to 175 M3/hr
- Gas Purifications system
- Compressor Cooling System
- Auto Pressure and Flow Controller (PLC)
- Buffer Tanks,
- Pressure & Temperature Safety equipment
- Gas Control Panel, Manifolds, HP Hoses.
- Vaporiser (Ambient or Heater chamber)



❖ MRI HTF DEWAR FILLING

- 100, 250, 500 & 1000-Liters Dewar's filling
- Recovery of flush gas at a time 8 Dewar (extendable up to 48)
- Supply of equipment for transferring Helium Liquid
- Filling Control Panels
- Maintenance equipment for Dewar



❖ ANALYTICAL LABORATORY

- Diving Gas Analysis As per BSEN 12021
- Pure Helium Analysis
- Instrument to trace Impurity
 - Carbon Monoxide in ppm
 - Carbon Dioxide in ppm
 - Methane in ppm
 - Moisture in ppm
 - Hydrogen in ppm
 - Oxygen in Percentage
- Analyser Instrument for mix gases
- Oxygen analyser
- Instrument Pane;
- Calibrations & reference Gas control panels and regulator



For Enquiry:
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