



CONTAINERISED GAS TRANSFILL FACILITY

## MOBILE GAS FILLING UNIT- MRI DEWARS/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 in accordance with offshore norms for handling of up to 300bar pressurised gas filling.

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

## EQUIPMENT

# ❖ MRI DEWAR FILLING

- Helium Compressor 300 bar WP
- Flow capacity 110 to 175 M3/hr
- Compressor Cooling System
- Auto Pressure and Flow Controller (PLC)
- Buffer Tanks
- Gas Control Panel
- Vaporiser (Ambient or Heater chamber)



# ❖ HTF HELIUM/HELIOX

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



# ❖ ANALYTICAL LABORATORY

- Diving Gas Analysis As per BSEN 12021
- Pure Helium Analysis
- Instruments to trace Impurity
  - Carbon Monoxide in ppm
  - Carbon Dioxide in ppm
  - Methane in ppm
  - Moisture in ppm
  - Hydrogen in ppm
  - Oxygen in Percentage
- Instruments for mixed gases
- Oxygen analyser



**For Enquiry:**  
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