PRESSURE VESSEL

SPECIFICATIONS

- Location:
  - Inner diameter: 1,000mm.
- Depth from bottom of lid to bottom of tank (free room): 3,000mm.
- Pressure rating: 6,750psi / 465Bar.
- Pressure vessel lid closing mechanism: Quick latch.
- Pressure control: Computer controlled. Sequences can be preprogrammed.
- Penetrators for electric and optical feed throughs: Ported through lid.
- Penetrators for hydraulic feed throughs: Limited number of lines through adapter in lid.
  - Interfaces to be agreed for connection of hydraulic tubing on inside and on outside. Rigging will have to be prepared well in advance.
- Monitoring and logging: Pressure cycles logged by computer.
- Make and break actuator for operation under pressure: Electric actuated, can handle up to 8 fiber optic or electric connectors simultaneously.
- Overhead crane for lifting of payload and lid: Capacity 15t, payload can be lifted together with lid or separately.
- Access to test area: Direct access via fork lift. Truck can be backed into workshop so overhead crane can off load directly.
- Video camera (optional): Can provide camera and LED light inside vessel (must be agreed and prepared in advance and will have a rigging cost).
- Heat ("cold") tracing (optional): Pressure vessel is prepared for low temp testing to 0-10°C by means of cooling coils and insulation (requires additional rigging).
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