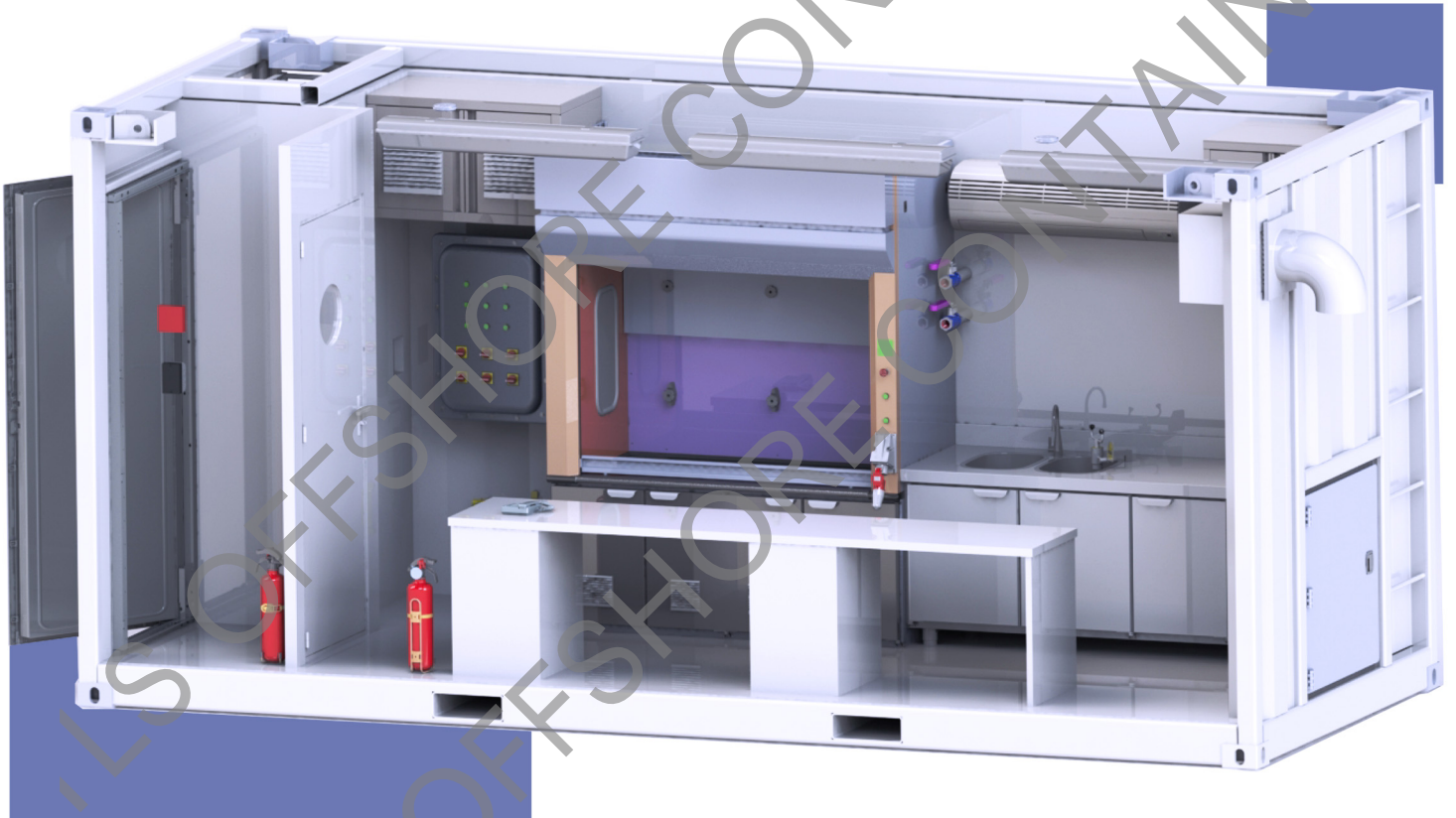


A global leading supplier of containerised solutions

TLS

Portable Laboratory Container Solutions



Wherever you are in the world TLS can help you, contact us.

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The container lab is a kind of self-contained and movable module that fully meets the requirements of the laboratory. The laboratory container is fully insulated and can operate in extreme weather conditions. It is completely independent and has the necessary compressed air, lighting, and ventilation systems. It can be customized to the customer's needs.

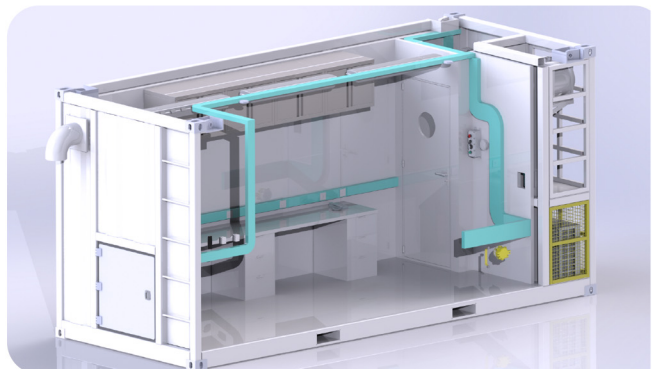
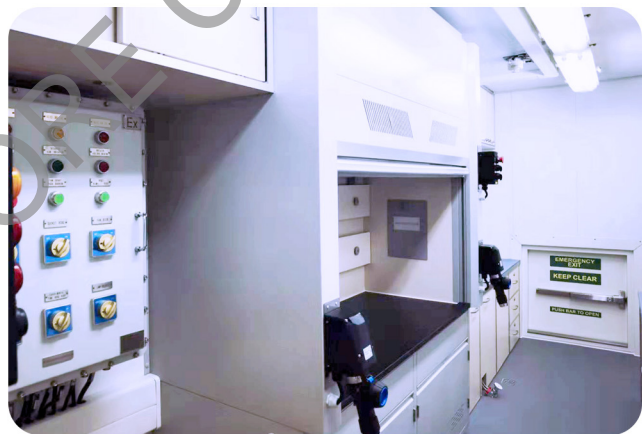
The container described herein is designed for the offshore containers, and is suitable for the environmental conditions imposed by these modes of transport for the carriage of general cargo by road, rail and sea (above or below deck).

All materials used in the construction will be to withstand extremes of temperature range from $-20\text{ }^{\circ}\text{C}$ to $+60\text{ }^{\circ}\text{C}$ without effect on the strength of the basic structure and watertightness.

The internal environment maintains a negative pressure to effectively discharge the flammable and explosive gases produced during the operation; Equipped with explosion-proof electrical facilities to provide you with a safe internal operating environment.

Applications

- Modular Petroleum Laboratory
- Laboratory container / cabin
- Blast Resistant Container, Blast proof Container
- Mud Lab



Technical specifications

- DNV2.7-1 / EN12079 certification
- CSC plated
- A0 or A60 fire rating
- Airlock
- A60 fire damper
- An autonomous fire, gas and smoke detection system.
- A self - contained Heat, Ventilation and Air Conditioning (HVAC) system, with fast-plug connection to rig power supply system
- Water supply system with connections to rig supply system
- Air Pipeline connected with air gun
- Negative pressure inside
- Explosion proof fume hood
- Acid and alkali resistant anti-static workbench
- Work desk with phone connection possibilities, computer and Local Area Network (LAN) access
- Working and storage furnitures
- Stainless steel sink unit with raised edge, large sink and drainage area
- Eye washer
- Under bench and over bench cabinets for storage of consumables
- Anti-slip flooring
- Ex light, switch, socket, cabling
- Quick and easy hook up to on-board services
- Designed for easy stacking
- Compliant with ATEX, IECEx standard on request
- 10ft, 20ft, or customised dimension according to requirement

