

Customized Laboratory container



Uniteam's 40ft High Cube Customized Laboratory is a fully integrated, transportable lab solution designed for high-performance research and testing in demanding environments. Built to meet Australian standards and certified for safety and compliance, this containerised lab offers a plug-and-play setup with advanced features for operational efficiency and safety.



GENERAL SPECIFICATIONS

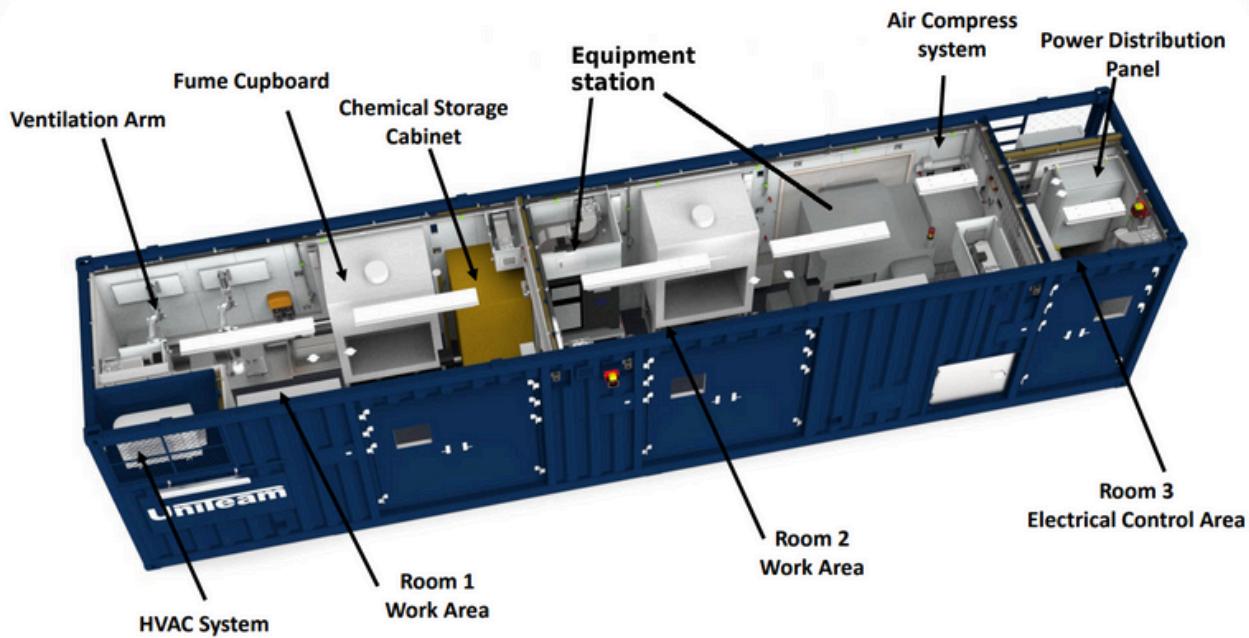
- 40ft High Cube container
- Insulation: 25mm B15 panel + 50mm Rockwool
- A60 fire rating and ATEX-compliant for hazardous environments optional
- Built to Australian standards
- CSC certified by Lloyd's Register
- AS/NZS 3000 electrical certification by SGS



Electrical & Control systems

- Power Distribution Panel (PDP)
- PLC control system for automation and monitoring
- UPS with 2-hour backup
- Energy storage batteries
- Smoke, heat, and isopropyl detectors
- Split AC HVAC system for climate control

The above are standard dimensions; other sizes may be supplied on request.



The container is divided into three purpose-built compartments:

- Work area 1 and work area 2 are equipped with essential experimental tools including a fume cupboard, varied lab equipment stations, and chemical storage.
- Electrical Control Area houses the control and power systems, including a PLC, PDP, UPS, and energy storage batteries.

This layout can be adapted to your need, and ensures a safe, efficient, and fully autonomous working environment, tailored for operations in remote or hazardous locations.

Equipment & Lab setup

- Fume cupboard and chemical storage cabinet
- Equipment station
- Workbench and waste handling area
- Work area 1 and 2 fully equipped

Layout & Function

- 3-room configuration: Work area 1, Work area 2, Electrical Room 3
- Electrical Room isolated for control and power systems
- CCTV surveillance for safety
- Modular design for flexible deployment

The above are standard dimensions; other sizes may be supplied on request.