GEOTEK CUSTOMISED CONTAINER LABORATORIES

FIELD-BASED MULTI-SENSOR CORE LOGGING & X-RAY CT

VERSATILE PORTABLE LABORATORIES FOR GEOTEK EQUIPMENT

Mobile laboratories provide a versatile means of deploying equipment, whether for use at sea, in remote field locations, or even as a shore-based temporary outbuilding.

Geotek container laboratories are custom-built to create a portable environment for the use of Geotek core logging systems.

STABLE MEASUREMENT ENVIRONMENT

A secure, temperature-controlled environment with access to clean, uninterrupted power is crucial for repeatable data collection. Fully insulated walls ensure stable temperatures for operation and reduce noise. Custom vibration mounting allows equipment use at sea or near heavy machinery.

CONVENIENT MOBILISATION

Geotek equipment is directly fitted into the laboratory, with fixings suitable for shipping. A minimum of fastening/packing is required for freighting or heavy weather at sea.

The laboratory containers can be freighted by sea, land, or air, in the same way as any standard shipping container.

CUSTOM CONFIGURATIONS FOR DIFFERENT APPLICATIONS

All Geotek equipment is fixed in place; other equipment can also be vibration-mounted and sea-fastened.

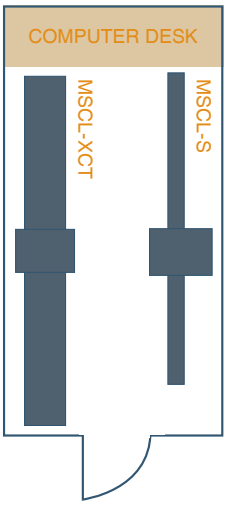
Below are sample combinations of equipment that can be placed in a single 20-foot laboratory container.

- **WHOLE CORE LOGGING**
  MSCL-S & MSCL-XCT
- **SPLIT CORE LOGGING**
  Core splitter, MSCL-CIS, MSCL-XZ
- **COMPACT WHOLE/ SPLIT CORE LOGGING**
  MSCL-S, core splitter, MSCL-CIS
- **WHOLE CORE PROCESSING**
  MSCL-IR, MSCL-S
- **ROCK CORE LOGGING**
  MSCL-S, MSCL-CIS, MSCL-XZ, MSCL-XCT
- **LABORATORY/OFFICE**
  Bench or table height surfaces for wet or dry chemistry, computer work, etc.

Rock core logging in Geotek Lab G6

X-ray CT machine installed into 20 ft laboratory

MSCL-S and MSCL-XRF in Geotek Lab G6



IF CORE'S WORTH TAKING, IT'S WORTH LOGGING

Geotek standard logging laboratories (CSC plated)

CERTIFICATION

Geotek container laboratories are not converted shipping containers. These laboratories are designed and built from the floor up to enable full CSC (Container Safety Convention) certification, so that they can be shipped as a "shipper's own container" to their destinations. For users loading them onto a vessel or platform offshore, they can also be certified to DNV (Det Norske Veritas) 7.2-1.

SPECIFICATIONS

These specifications apply to a "standard" Geotek container laboratory; please contact Geotek to discuss the potential for custom modifications (for example, refrigerated container laboratories or Zone 2 hazardous area laboratories).

- **DIMENSIONS**
  Standard 20-foot ISO container; external dimensions 6096 x 2438 x 2591 mm (L x W x H)
- **WEIGHT**
  Approximately 4,000-7,000 kg, including equipment (allowable gross weights are 15,000 kg [CSC] & 10,000 kg [DNV 2.7-1])
- **POWER SUPPLY**
  Voltage 110-240V AC, 50/60 Hz; twin-pole breakers on electrical circuits; power conditioning on all circuits; uninterruptible power supply customized for estimated load
- **APERTURES**
  One window with protective grill, one personnel door, optional escape hatch
- **CLIMATE CONTROL**
  Split air-conditioning/heating for external climate -10 to 45°C; thermal insulation
- **LIFTING**
  Standard ISO corner blocks with optional pad eyes/4-point certified lifting sling
- **DECK MOUNTING**
  Standard ISO corner blocks; twist-lock pads available for fixing to steel decks
- **CERTIFICATION**
  CSC plated to CSC 1972, Annex 1; optional DNV 2.7-1 certification
- **OTHER INFRASTRUCTURE**
  Water inlet/waste outlet for optional sink; fluorescent lighting; smoke/gas alarms

WORKING OFFSHORE LABORATORIES:

LEFT:
Geotek office/chemical laboratory

RIGHT:
Two laboratories stacked onboard a research ship

GEO TEK

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