

Well Flow Management

Well Testing | Ancillary

Well Test Laboratory - Zone 2

The portable well test laboratory is used for data acquisition and well production analysis.

The lab is designed to A60/DNV 2.7-1 standards, serving as an office, workshop, and storage location for well testing equipment.

It is fully equipped with internal positive pressurization/purge capability and safety systems for use in Zone 2 environments such as low pressure shut down alarm, gas and smoke detection.

The internal working conditions are maintained by either an air conditioning or heating unit, dependant on the ambient environment and temperature.

An uninterruptible power supply ensures these systems and critically the data gathering equipment located in the unit are protected against power outage or extreme ambient temperatures.

Labs are stocked with a range of field fluid analysis equipment for vital data gathering such as gas gravity, BS&W, salinity etc. Instrument calibration apparatus is also provided to ensure all instrumentation maintains accuracy throughout extended testing operations.

Applications

- Onshore and offshore oil and gas well testing and clean-up operations

Features and benefits

- Labs typically come with internal purge and pressurization capability
- Labs include low-pressure shutdown alarm and gas and smoke detectors
- Lab is a safety system and data acquisition control centre
- Labs may be equipped with an assortment of field fluid analysis instruments and kits and other tools depending on local requirements





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| Technical specifications | |
|--------------------------------|--|
| Unit construction | ISO series 1CC container 10-gauge corrugated steel |
| Pressurization | 1,275 CFM @ 1.0 in static |
| Specification | Class I, Group D, Division II |
| Climate control | 2 Air conditioners 13,000 BTUH cooling 10,700 BTUH heating |
| Gas detection | Alarm/electronic shut-down H2S, combustible, smoke |
| Weight lbs (kgs) | 13,669 (6,200) |
| Dimensions (L x W x H) ft. (m) | 19.85 x 8 x 8.53 (6.05 x 2.44 x 2.60) |

Note: Designed and manufactured to A60 specification for offshore control cabins

Other sizes, configurations and pressure ratings are available to meet most applications, for more information contact your local Expro representative or email welltesting@expro.com