

ANVER's Improved, Rechargeable VLS System

VLS system now comes equipped with both a rechargeable on board battery (OBB) in addition to the existing 9v battery back up (BBU) for added security and convenience!

The VLS monitors vacuum level of various systems. If the pre-set percentage of vacuum is lost during a lift, a loud horn sounds and a red light flashes to warn the operator. (NOTE: The alarm will not activate during release mode, or from a sudden catastrophic loss of vacuum.)

ALL ANVER Vacuum Lifters, Tilters, and special vacuum lifting machinery, can be equipped with the new VLS Vacuum Leakage Sensor by means of connecting the vacuum source to be monitored with appropriate ¼" flexible tubing, (Part No. PC-T14, clear), to the ¼" push-to-connect vacuum input fitting.



Features

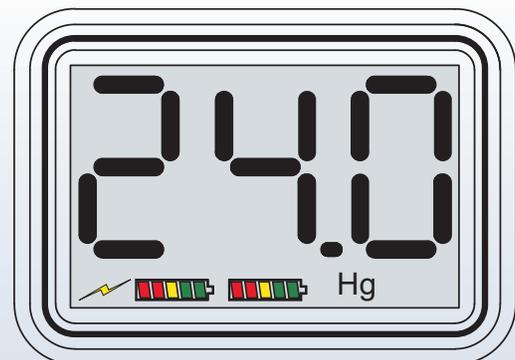
VLS & VLS-20 Series

- Advanced Solid State Circuitry with state-of-the-art MCU control unit.
- Precise, reliable, board mounted vacuum transducer.
- Large LCD screen with large digits for highly visible, easy to read output.
- Bright flashing Red LED Warning Light and Audible Warning Horn.
- Rechargeable, long life, On-Board Battery Bank, (OBB).
- Easy access replaceable 9V Lithium Battery Back-Up, (BBU).
- Color segmented battery condition indicators for both On-Board and Replaceable batteries.
- Fast, 2 hour, recharge of OBB, with optional AC/DC Charger/Adapter, (Part No. WS12DC).
- Power Management logic; Operates directly and independently from 3 power sources, WS12DC AC/DC Adapter/Charger, OBB Battery Bank, or BBU Back-up Battery. (The OBB will automatically provide power when the AC/DC Adapter power is disconnected, and the BBU Battery will continue to power the VLS if the OBB Battery power is depleted.
- Low battery "chirp" signal, when the VLS is disconnected from an AC power source and battery power is low.
- Easily change vacuum units of measure between inHg and kPa.
- Easy Push-to-Connect, ¼" vacuum fitting.
- Rugged polycarbonate enclosure.
- Plug-in auxiliary jack for connecting to the Anver VLS-AUX auxiliary alarm, or other peripheral devices

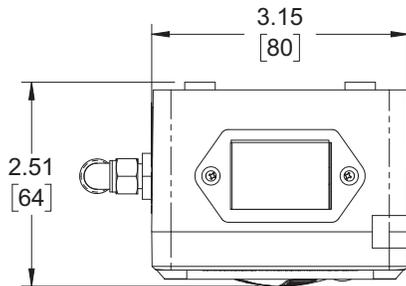
VLS-AUX

- Large 105 dBa Alarm Siren and Bright Red Strobe Light
- Plug-in input jack to connect directly to the VLS and VLS-20 Leakage Sensors.
- Includes 25 inch [63.5cm] long signal cable with connectors.
- Rugged polycarbonate enclosure.
- Easy access 9V Battery Compartment.
- Includes (1) Standard 9V Lithium Battery.

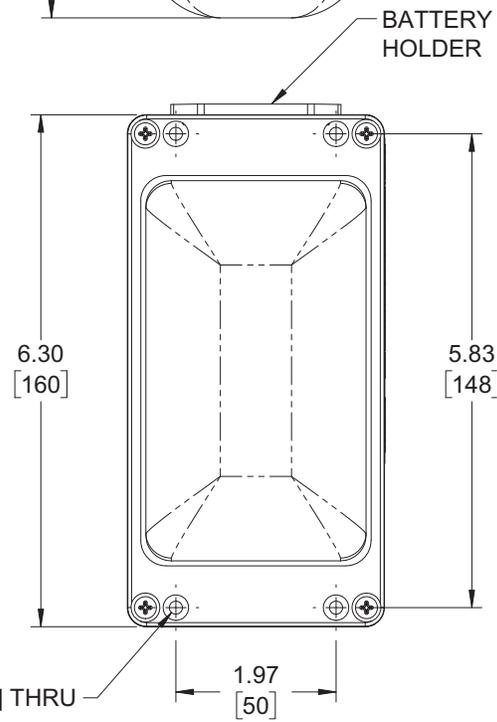
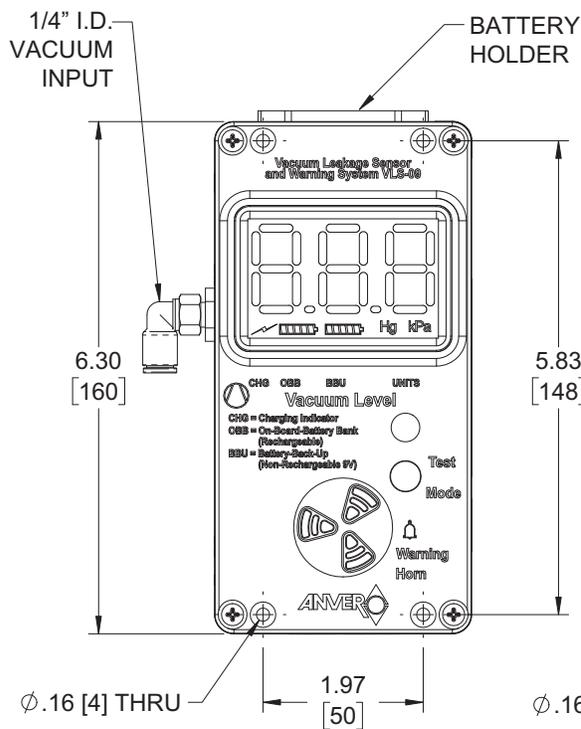
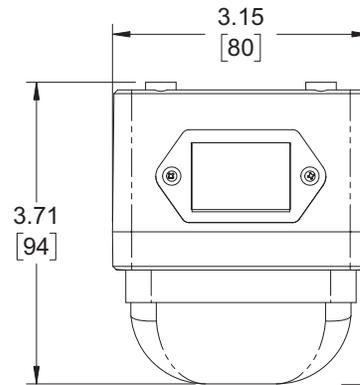
Full Color LCD Display



VLS & VLS-20



VLS-AUX



WARNINGS

The VLS (Series) is designed to be a warning device for vacuum leakage detection. When properly installed on ANVER vacuum lifters and equipment, the operator will be warned of a slow vacuum leakage and should have adequate time to safely lower the attached load. If the alarm signal is ignored and the lifting operation is continued, the vacuum loss may adversely affect the vacuum "hold", possibly resulting in the serious injury to the operator. The VLS (Series) system is not designed for or not effective in detecting fast leaks or sudden failures of the vacuum systems.

The vacuum level achieved, using a Mechanical Vacuum Generator, is weight sensitive, relative to the load and lifter weight, as well as the pad(s), manifold(s) and generator volume. Lighter loads will produce a lowered vacuum reading, which may render the VLS system ineffective.