



TSE 2032

Underwater Vacuum Leak Tester



- Integrated grid holds sample immersed
- Simple test initiation with fast venting at completion
- Gas-spring assisted lid reduces operator fatigue - OH&S✓
- O-ring recessed in the lid to minimise wear-and-tear
- Minimise heavy-lifting, empty first using Drain valve - OH&S✓
- Adjust the Vacuum, and hence vary the stress applied
- Screw-reinforced construction

The TSE2032 uses a transparent acrylic case for viewing of packs while they are subjected to an underwater vacuum test. Even tiny leaks can be observed and located.

The unit is supplied with an electronic vacuum gauge and compressed air driven vacuum generator. To set a constant vacuum within the chamber, the operator need only make a one-off adjustment to the pressure regulator.

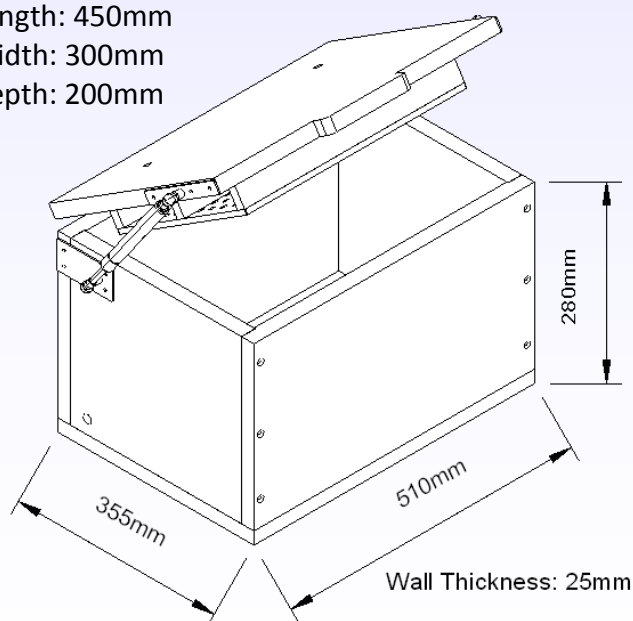
An operator then simply switches the blue air supply lever on and off to start/stop the test.

Max pack dimensions

Length: 450mm

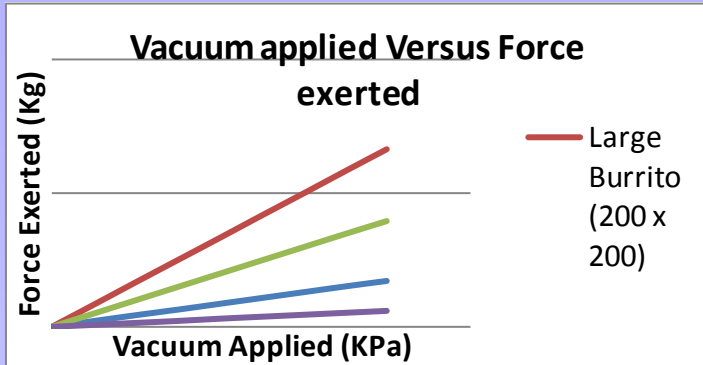
Width: 300mm

Depth: 200mm



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Seal Tick® TSE 2032 Underwater Vacuum Leak Tester



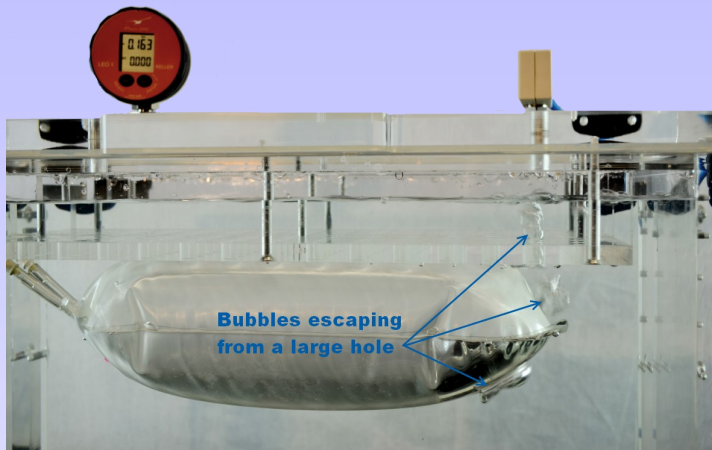
A smaller vacuum can be used to exert the same force on larger packages.

Importance of Adjustable Vacuum

While each package can be tested using the same vacuum level, the graph opposite shows how the force exerted increases with Package size.

To ensure a package is not over-stressed during testing, it can be important to match the vacuum level to package size.

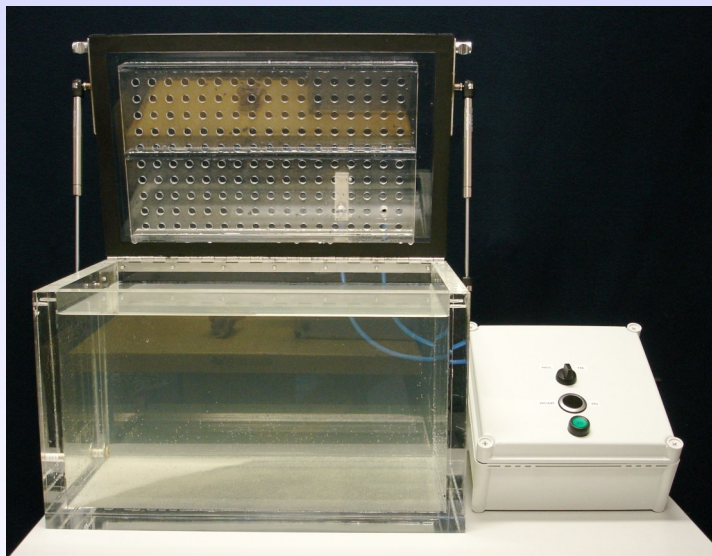
An assessment could be made of the likely stress a package will experience during its life, for example from factory floor to supermarket shelf. The applied vacuum should then be set to match.



The Leak location is easily detected.

Locate the origin of the bubble-stream and you've found your leak, and hence point of weakness.

The crystal-clear walls and lid provide unobstructed viewing, while the immersion grid keeps the package submerged.



TSE2032-EC, evacuation time and level is controlled by the water-tight Electronic Control module.

TSE2032-EC

Electronic Control adds a measure of repeatability by controlling the vacuum level and the length of time the vacuum is applied.

The generated vacuum is displayed on a remote electronic gauge.

Immersion times are programmable and vacuum levels adjustable.

Electronics are housed within an IP67 water-tight enclosure.

Testing is initiated with the push of a button. When the test completes, the vacuum turns off and the lid pops open due to package floatation.

A Blue light is lit within the Start Button to indicate a test is running or is complete.

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