

ULTRATEST LEAK TESTING SYSTEM

For All Production Application



Ultratest Combines Quality and Speed

Proco's **Ultratest** Leaktester sets a new standard for quality control, ensuring the highest level of confidence for you and your customers.

Ultratest uses state-of-the-art technology to produce the highest quality of leak detecting while maximizing throughput. Depending on the shape and size, containers can be tested in excess of 120 containers per minute using a single head. Higher rates of up to 300 containers per minute can be achieved with multiple head unit. Many design configurations allow the Ultratest multi-head system to be integrated into the most challenging product situation such as Wheel Machine and Dairy Lines.

Other features such as self calibration, leak calibration, self - testing, manual testing, sensitivity adjustment, eye level controls, hand-wheel height adjustments, and optional conveyor configurations all add-up to make the **Ultratest** the most versatile system available.

PRODUCT FEATURES

High Speed Testing

The **Ultratest** utilizes the very latest in control technology to maximize cycle time without sacrificing test quality. Cycles of 120 containers per minute can be achieved using just one test head. Multiple heads are available, providing even higher throughput and a wider range of test applications.

Quality Assurance

Leak testing every container before it is used or delivered ensures that only high quality containers reach the end-user. Proco **Ultratest** provides that quality by accurately testing each container and periodically self-testing the system's calibration. It will instantly alert quality control personnel should any deviation be detected.

Easy Set-up

The system is extremely easy to set-up. Once the test head height is adjusted and the photo eyes are set, the system calibrates itself with just a few containers. Unlike other systems **Ultratest** accurately calibrates the full cycle. It then simulates a leak, calibrating the leak portion of the test cycle and narrowing the test window to the most sensitive range possible. A manual sensitivity adjustment is also provided for those special situations that require technician input.

Eye Level Controls

The eye level control console is fixed in the same position regardless of conveyor height. This ensures easy access to the controls for set-up and monitoring. A Manual Test push-button, conveniently situated on the touch screen, allows quality control personnel to periodically check the system for test integrity.

Portability

Ultratest is fitted with caster wheels and screw type leveling pads. It can be moved easily from one location to another within your manufacturing facility.

ULTRATEST LEAKTESTER

PRODUCT FEATURES

Proco Technology

Proco Machinery recognizes that the demand for quality has never been greater than it is today. For this reason, our research and development department has personnel exclusively dedicated to producing the best, most advanced yet cost effective systems to serve your most demanding applications. The **Ultratest** Leaktester is the finest available, and is supported by Proco's twenty years of expertise in blow molding automation.



Proco's strength lies in the ability to meet the particular needs of their customers. Proco will work together with your team to produce a system that fulfills your individual requirements, whether you purchase an individual unit, or a complete production line, Proco will provide help and advice that will ensure your project is totally successful.

Proco Machinery with its vast experience in manufacturing automation equipment is proud to maintain the highest standard of engineering excellence in the industry on all the equipment it manufactures. Our customers benefit through reliability, efficiency and longevity of our equipment.

Multiple Test Heads

Ultratest can handle a wide range of test situations with just one head. However, for those situations that exceed the single head capacity, the standard system can be supplied with up to six test heads. Each test head has a totally independent test system. Test heads can be easily interchanged and can also be supplied with probes to detect choked necks. A variety of seal materials are also available to suit almost any situation.

For higher production rates and custom applications, the Ultratest Multi-head system can be supplied with as many as 10 test heads thereby producing throughput in excess of 300 gallon containers per minute.

Conveyor Options

The standard **Ultratest** Leaktester is supplied with a belt conveyor (normally 4" wide x 54" long). A single operator can easily adjust the height from approximately 18" to 54" by means of the hand-wheel provided. The conveyor stops after each cycle to provide stability during the leak-test. Speed can be adjusted via the variable speed drive motor. **Ultratest** can be supplied with a vacuum conveyor or many other conveyor options to suit a variety of production situations.

Components

All of the components used in the **Ultratest** are available off-the-shelf in North America. No proprietary controls are used. The control system utilizes proven and reliable technology that most technicians are familiar with and understand.

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