

Model SS-100

Plastic Container Integrity Tester

ALPS

Assuring Plastic Container Integrity
A division of TASI

Introducing a new cost-effective tool to monitor and improve plastic container production. Model SS-100 bottle integrity testers offer 100% inspection for leaks and top seal surface defects, including:

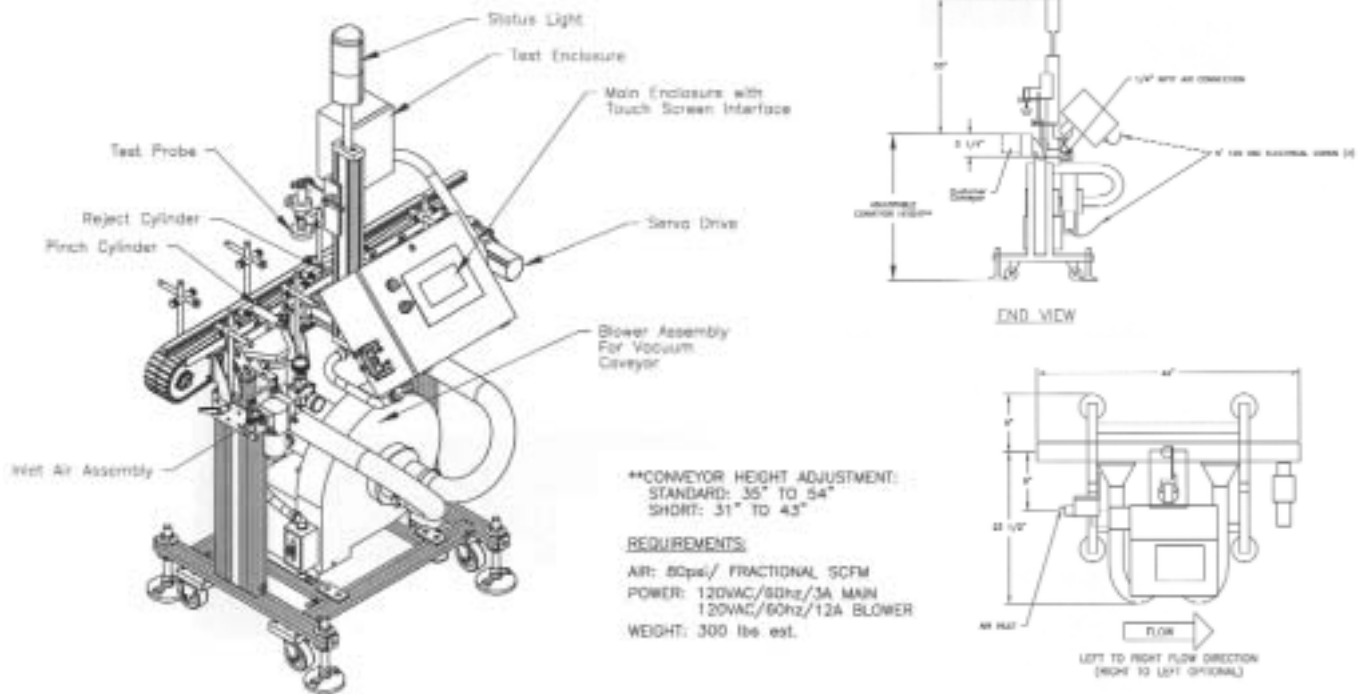
- Capability to test approximately 0.5" to 4" diameter containers
- Testing speeds as high as 160 BPM
- Detectable hole sizes down to 0.004" in diameter
- Simple single-station design
- Easy setup via touch screen interface
- Optimum bottle handling with integrated servo-driven vacuum conveyor
- Innovative probe designs to select desired seal surface sensitivity

Cost Effective Systems
to Assure Plastic
Container Integrity



Model SS-100

The ALPS Model SS-100 introduces a new generation of pressure testing circuitry designed to minimize test times and maximize machine throughputs. Containers are fed onto the leak tester conveyor via a side or end transfer from the customer conveyor line. The machine works on demand, sensing bottle presence with a fiber-optic photoeye to stop the conveyor and perform the test. An integrated reject cylinder ejects defective product from the conveyor.



Features

- > New "STM2" high speed test circuit for test times as short as 150ms
- > Touch screen interface including "guided auto setup"
- > Integrated vacuum conveyor with servo motor drive
- > Customized conveyor frame with flush sides
- > Designed to test approximately 0.5" to 4" diameter containers at speeds up to the 100 to 160 BPM range. Detectable hole sizes down to 0.004"
- > Innovative test probe design with 'floating' mount and interchangeable heads and seals
- > Fiber-optic photoeye with one-touch setup
- > Internal test leak function
- > Downed bottle detection capability
- > Pre-settable bottle count function
- > Upstream photoeye option to prime conveyor transfer
- > Downstream photoeye option

Benefits

- > Low cost leak testing machinery without sacrificing test sensitivity
- > Easy setup and changeover with minimal training
- > Smooth and accurate indexing for high speed handling
- > Optimum side transfers to/from main conveyor system
- > Well suited for medium to small size (particularly injection and injection-stretch blow molded) containers — first leak tester actually designed to handle down to 3cc bottles
- > Machine can be tuned to desired level of seal surface sensitivity (e.g. short shots or nicks)
- > Accurate and programmable bottle sensing
- > One-touch validation of machine sensitivity
- > Prevent possibility of untested bottles passing through machine
- > Control downstream diverter for bulk packing of containers
- > Accurate handling of unstable containers
- > Downstream jam detection

Air Logic Power Systems, Inc. (ALPS) is the leading American manufacturer of machines to assure plastic container integrity. Located in Milwaukee, Wisconsin, the company has supplied well over 1,000 leak inspection systems in its 30-year history. It is estimated that the current population of ALPS machines is testing in excess of 30 billion containers annually.

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