SX-Flex

Plastic Container Integrity Tester

ALPS

Assuring Plastic Container Integrity

A division of TASI

Industry-leading inspection systems to monitor and improve plastic container production. SX-Flex linear testers offer:

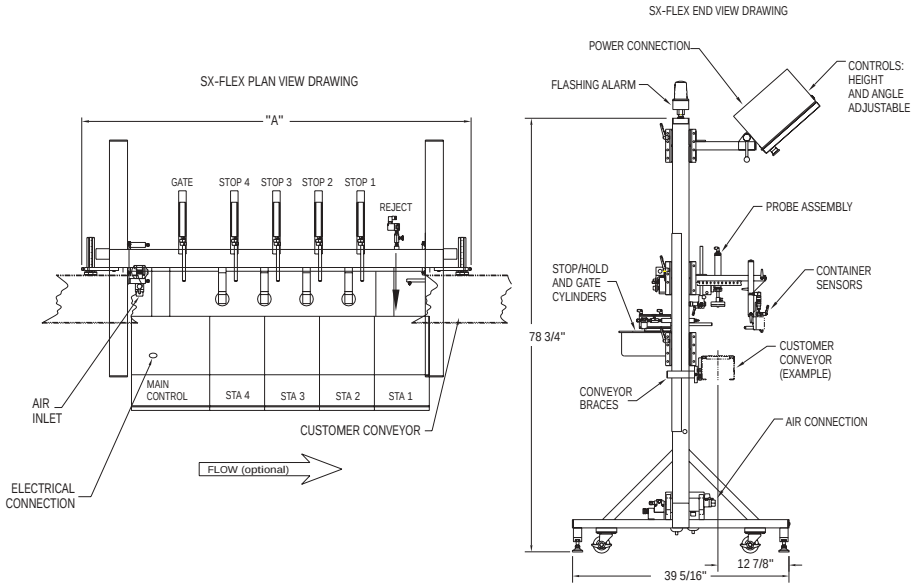
- Precise and reliable STM leak test circuitry
- Ability to test over existing conveyors
- Positive bottle handling
- Testing speeds up to the 60 to 80 BPM range
- Capability to test bottles up to 6" in diameter with standard frame types
- Multiple setup configurations
- Integrated gate and reject functions
- MCM computer program

Flexible Systems to Assure Plastic Container Integrity

SX-Flex

ALPS SX-Flex linear leak testers are available in multiple configurations of one-up-to-four test stations to meet specific speed and sensitivity requirements. Containers are continuously fed by the customer conveyor (or an optional integrated conveyor) through the machine. A gate cylinder regulates bottles into the testing area. Precise, programmable sensors are used to monitor bottle travel through the gate, test station(s), and reject areas. Handling consists of rugged, adjustable-stroke stop cylinders with optional hold tooling for positive handling of unstable containers. An integrated air-jet or cylinder ejects defective product from the conveyor.

Model	"A" Dimension
SX-1	41-1/2" (1055mm)
SX-2	41-1/2" (1055mm)
SX-3	53-1/2" (1360mm)
SX-4	65-1/2" (1665mm)



Features

- ALPS Smart Test Module (STM) pressure-decay test circuits on common network
- Independent test stations with quick connectors
- Internal test leak function on each station
- Designed to up to 6" diameter bottles nominally, or up to 10" diameter with extended frame length/width
- Miniature PLC control system
- High quality fiber-optic photoeyes with one-touch setup
- Designed to test over existing continuous conveyors
- Gate cylinder assembly
- Stop cylinders on downstream station, or all stations
- Optional ALPS designed and fabricated 'hold tooling' or 'nest tooling' mounted to stop cylinders
- Adjustable angle probe assemblies
- MCM software to interface with STM network while machine is running
- Extruded aluminum frame with ratchet handle adjustments and horizontal/vertical scales
- 'Expansion ready' options
- Topload, choked neck and handle-flash detection options
- Downstream jam and upstream backup photoeye options

Benefits

- Reliable, industry-proven technology with over 5,000 units delivered to-date
- Ease of troubleshooting and maintenance
- One-touch validation of machine sensitivity
- Well suited for medium to large size containers, particularly for extrusion blow molding processes up to the 60-80 BPM range
- Intelligent monitoring of bottle travel through the machine
- Accurate and programmable bottle sensing
- Convenient installation and portability
- Bottles regulated into machine
- Bottle handling in groups, or individually
- Optimum bottle handling when needed for unstable bottles, and accurate positioning for choked neck inspection
- Test angle neck containers on standard machine
- Ability to monitor production and machine performance, save and recall files and review multiple diagnostic features
- Flexible, modular design with quick and repeatable bottle changeovers
- Field upgrades possible if needed in the future
- Value-added inspections
- Smooth production line integration

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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