

FLEX PITCH

Multi-station, moving head
leak tester for a wide range
of empty containers

NOW AVAILABLE
WITH
**ONE TOUCH
AUTOMATIC
CHANGE OVER**



FLEX PITCH

The ALPS Flex Pitch represents a new revolution in leak testing. Tooling cost and changeover time are dramatically reduced due to the independent head design.

The innovative new design maximizes flexibility as test heads can be pre-set to the required pitch, enabling fast change over between containers of varying diameters and making it particularly suitable for difficult to handle container shapes.

The machine is available in 2,3 or 4 moving heads that offer 100% leak testing and top seal surface defect detection at speeds up to 250 BPM.



Features & Benefits

- Multi-moving head, high speed leak tester that detects defects in wide range of bottle types
- Flexible heads can be set to specific pitch requirements for each container
- One touch and digital automatic change over (height adjustment, bottle spacing and recipe)
- Operates without timing screw
- Fast and tool-less changeover, height adjustment and recipe change only
- 2, 3 or 4 test heads optional for container sizes up to 350oz
- No line modification, mounts over existing conveyor
- Speeds up to 250 BPM*
- Ideal for more difficult containers including shingling, reverse-taper and small bottles
- No bottle transfers required to and from separate leak tester conveyor
- Full color touch screen operation
- 24-hour service support



* Dependent on bottle size

Technical Specification

OPERATION:	100% Online, automatic
MAXIMUM SPEEDS:	2 head 150bpm, 3 head 185bpm, 4 head 250bpm**
BOTTLE HEIGHTS:	Up to 14"
CONFIGURATION:	2, 3 or 4 heads available
POWER SUPPLIERS:	Electrical: 200-240 VAC, 50/60 Hz, 15A Dry Compressed Air (non-lubricated): 80 PSI (5.5 Bar), 4 SCFM
USER INTERFACES:	Omron CJ2M (PLC) & NS5 (HMI)
CONSTRUCTION:	Powder-Coated Steel Structural frame, Lexan with Anodized Aluminum Framed Guarding
MACHINE DIMENSIONS/WEIGHT:	Standard (Bottles up to 8" (203mm) diameter (nominally) Frame Size: 101" x 63" x 85" tall (2566 x 1600 x 2160mm tall); Weight: 2000 pounds (910 kg)
	XL Frame (bottles up to 12" (203mm) diameter (nominally) Frame Size: 133" x 63" x 85" tall (2566 x 1600 x 2160mm tall); Weight: 2500 pounds (1134 kg)
WARRANTY:	1 year on manufacturing defects (parts only)

** Head count, conveyor speed and container size dependent

Machine Operation

Stage 1: Container Tracking

Containers entering the machine are detected and tracked throughout the test cycle utilizing state of the art electronics to monitor line speed.

Stage 2: Testing

- Container is positioned under the corresponding test head.
- Test probe seals the top of the container and tracks the part as it is tested by a low-pressure test.
- The probe is retracted once the test is completed.

Stage 3: Results

- Containers passing the leak test criteria continue down the conveyor.
- Containers failing the leak test are rejected at the end of the machine and confirmed in the reject chute with a photo eye. This ensures that only quality containers are sent to your customers.





2440 W Corporate Preserve Drive,
Unit 600,
Oak Creek, WI 53154
USA

 +1 414 671 3332
 info@alpsleak.com
 www.alpsleak.com

