

LFIV-25 Automatic Leak Detection Machine



Technical Advantages:

1. Non-contact non-destructive detection method.
2. Detected by vacuum decay method, The production and testing process fully comply with the relevant requirements of GMP and ASTM F2338-09.
3. Faster detection speed
 - Continuous testing method, maximum stable speed up to 250 bottles/min.
4. More precise detection accuracy
 - Detection accuracy can reach: 10 micron and above air leakage holes.
5. Novel infeed screw design
 - According to innovative pitch design of the infeed screw and servo control, can achieve the function of stopping infeed screw separately.
6. Full servo transmission system
 - A. The power of each transmission module uses servo motor, which has higher precision, faster speed and less noise.
 - B. Using a servo system with absolute encoder, with lighter and more reliable transmission structure

7. Integrative control system

- A. Using the integrative sport control modules, each transmission module drives with each other to achieve seamless connection, with higher reliability and adjustability.
- B. Highly integrated single industrial computer control system, with higher operability.

8. Ergonomic design

- A. Better man-machine design, strong maintainability, complete visual cover design.
- B. Suspension rocker arm type control panel mechanism, more convenient to adjust and operate the machine.

Technical Parameters:

Model	LFIV-25
Max. speed	250 bottle/min
No. of workstations	48
Detectable range	10 micron and above air leakage holes
Medicine bottle applicable range	($\Phi 20 - \Phi 50$) mm* (40—80) mm
Medicine bottle requirement	Clean and dry surface
Power supply	AC380-400V 50/60 Hz
Air pressure、consumption	4-7bar、30L/min
Wattage	about 8.0KW
Shape size	About 4100mm(L)×2000mm(W)×2100mm(H)
Complete machine weight	About 3500Kg