



AMK PLASTICS LLC

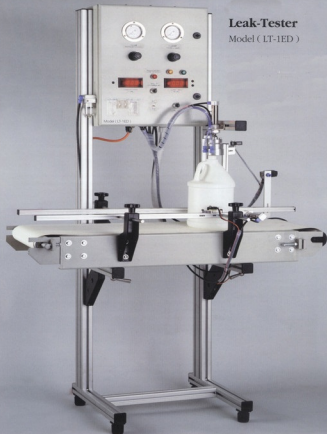
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Leak-Tester

Model (LT-1ED)



Leak-tester Specification: ver.99.1 rev.1

Model: LT-1ED Leak-tester completed with single test-head and 1.5 meter length conveyor.

Application: connection with blow molding machine in the production of PE, PP, PVC and PET containers. Automatically online inspection of products. Other applications, such as drinking water bottle refilling line inspection, automobile parts testing and electrical appliance waterproof requirements check are widely used.

Test object: Empty containers

Test circuit: Pressurize system, differential pressure analysis system monitoring pressure depletion in thousandth of a psi. Bottles are pressurized to test at 0.25 psi to 3.0 psi (can achieve higher pressure on customer request).

Test-Head: User should specify range of test pieces. A set of samples or submission of complete sketches of dimensions of the bottle test pieces will assist us in selection of matched test-head.

Test sensitivity: 0.1 mm pin hole or equivalent leakage

Typical test speed: 1500/ hour for 500cc bottles and those with smaller capacity
1200/hr for 2 L bottles
900 /hr for 4-5L bottle
450 / hours for 18 liters tank

Belt Conveyor: Variable speed conveyor controlled by AC inverter.

Power consumption

Single Phase supply: 200-240 Volt, AC 2 Amp. (Other Voltage on request)
Pneumatic supply: 4 - 6 Bar

Optional devices:

1. Inlet buffers on conveyor; ensure smooth bottles transferred from blow molding machine.
 2. Rejection cylinder applies to heavy bottles, ensure the leakage rejection effective.
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