The WILCOMAT® R MC/P is a fully automatic leak tester for the in-line testing of filled glass ampoules. The system has been built meeting the latest requirements such as 21 CFR part 11.

The ampoules are either transported directly to the tester on a conveyor belt or are loaded by the operator in cassettes. Screw and in feed star position the ampoules below the testing stations.

Once the cam operated stations are mechanically closed, an overpressure is created in the test chambers and the differential pressure is measured. For the evaluation of the differential pressure precision pressure transmitters and the patented WM01 measuring system are used.

Contrary to traditional testing methods such as HVLD, the used method tests the entire ampoule for integrity.

Four outlets (bypass, leak, good 1 and good 2) are available. The ampoules are guided by vacuum stars to the corresponding outlet.

All test results can be stored on the touch screen and are ready for analysis by the QS assurance department. An FDA validation documentation is available as option with the tester.

The WILCOMAT® R MC/P is a technically outstanding low maintenance testing system which will guarantee the quality of your products for a long time.
WILCOMAT® R MC/P
Leak tester for glass ampoules

Advantages

• Entire ampoule tested for integrity
• No electrical conductivity of liquids required
• Viscosity of liquids irrelevant
• Leakages are detected regardless if covered by liquid or air
• Extensive reference list
• Fast and easy installation
• No damage to ampoule surface
• Replaces traditional methods
• Complete FDA validation documentation available
• Little maintenance required
• Based on experience and innovation in leak testing since 1971
• Colour touch screen with user and maintenance handbooks, wiring and pneumatics diagrams and troubleshooting instructions

Characteristics

• High test sensibility
• Excellent cost / performance ration
• High test capacity
• New industry standard
• Optional data logging software
• Self-test feature with test leaker or adjustable needle valve
• Detailed used manual
• Compatible with WILCOMAT® FLOWMETER
• Activation of individual valves in calibration mode
• Worldwide service

Characteristics

• Precision pressure sensors
• Floating reference feature
• Fast change over
• Quality components and finish

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