

SEPHA

BOTTLESCAN

A tool-less, non-destructive multi-bottle integrity tester for induction-sealed pharmaceutical bottles.



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BottleScan is a non-destructive integrity tester for induction-sealed pharmaceutical bottles that contain solids or powders.



BottleScan has a unique ability to test up to 4 bottles per test cycle, a tool-less design and incorporates force decay technology to offer a technologically superior QA/QC check as part of cGMP.

Features & Benefits

- Non-destructive inspection device that detects defects in bottles and induction seals down to 15 μm*
- Tests up to 4 bottles per test cycle in a test time of 30-90 seconds
- Operating system can store up to 30,000 product types
- No tooling required so ideal for production lines with multiple products
- Quick, repeatable test with objective pass/fail results
- Audit data available and can form part of 21 CFR Part 11 compliant system
- Can handle multiple bottle sizes
- Configurable methods allow user to decide machine sensitivity
- Simple operator use with minimal training required
- Active Directory and OPC connectivity available on request



* Dependent on bottle type

Technical Specification

OPERATION:	Semi-automatic
TEST CYCLE TIME:	30-90 seconds
SENSITIVITY:	Down to 15 μm
BOTTLE DIMENSIONS:	30mm(W) x 60mm (H) to 100mm(W) x 150mm(H) (without cap)
CONFIGURATION:	Ethernet 2 x USB
POWER SUPPLIES:	Electrical: 110/230V AC Single Phase Air: 6 Bar
USER INTERFACES:	17" 1280 x 1024 SXGA TFT display with resistive touch screen
AUDIT COMPLIANCE:	Machine can be used as part of a 21-CFR Part 11 system
CONSTRUCTION:	Stainless Steel (Grade 304)
MACHINE DIMENSIONS:	750 (W) x 600 (D) x 810 (H) mm (30" x 24" x 32")
MACHINE WEIGHT:	125kg (275lb) / Shipping Weight: 260Kg (573lb)
WARRANTY:	Supplied with a 12 month warranty. (Service Level Agreements and/or extended warranties are available for additional support).

Machine Operation

Test methods are developed for each bottle size/shape and are stored as recipes for that specific bottle.

1. Load Bottles And Select Product:
From the Test Screen, navigate to the Batch Data Screen and select product from dropdown display. Batch details are entered in the Test Screen. Open drawer, remove cap from bottles to expose induction seal and place into the machine nests. Close drawer.

2. Test Process:
Press "Start Test". The product nests automatically adjust to the size of the bottle and a vacuum is pulled. At the end of the test cycle the vacuum is vented. The force generated by the bottle is measured throughout this process.

3. Results
The machine issues a PASS/FAIL result for each bottle depending on the force it has generated under vacuum. Graphical information along with batch data is available for every test.



Rapid and objective integrity test for induction sealed bottles. Stores and exports data to optimise quality control systems.



TASITEST

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& INSPECTION**


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