

BT80A LEAK TESTER

A VERSATILE TESTER

Versatile, user friendly and reliable machine with smart quick changeover features. Available to be integrated with code marking, the machine can process up to three batteries a minute.



FAST
DELIVERY



EXPERT
SOURCES



PREMIUM
SERVICES

LOOK BEYOND
RUDIMENTAL
EXCEL IN
ASSEMBLY

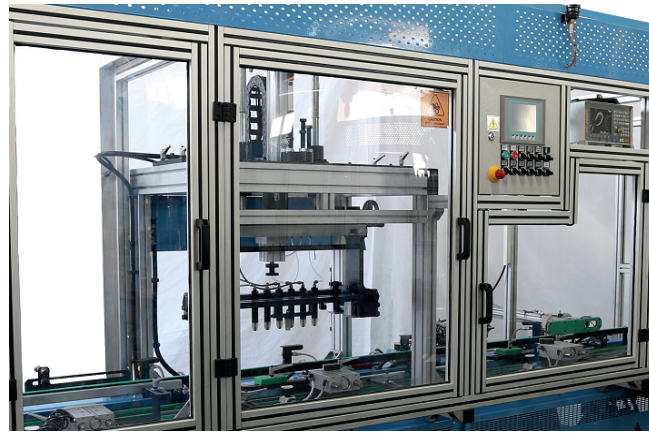
Flexible, durable and cost efficient products brought you with remarkable performances. Brilliant designs and precision crafting in machining culminate in expertly fabricated machineries.

BT80A

LEAK TESTER

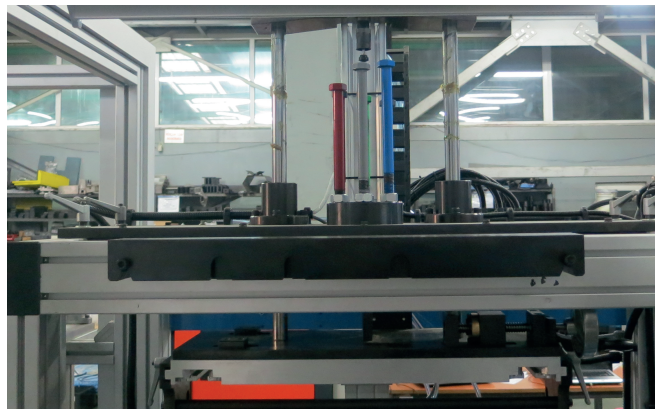
BT80A is an universal leak testing machine capable to process wide range of SLI batteries. Batteries are tested for inner cell and peripheral leaks with a pressure control based filling function. The machine is equipped with easy and quick changeover features for enhanced efficiency.

01



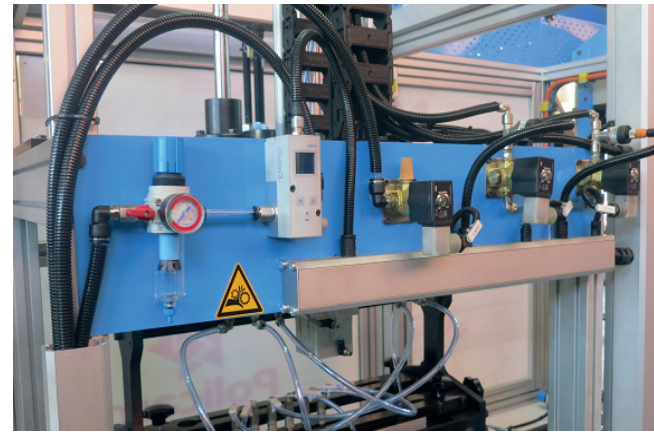
Universal leak testing available to process all common SLI sizes. All types of lids in automotive batteries can be processed with precision at a speed up to three batteries a minute.

02



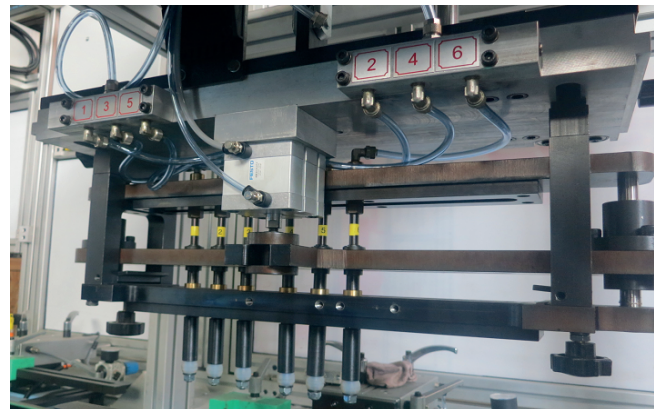
Easy and quick height setting through dedicated stoppers and quick changeover templates for each lid type provided. Additionally fine tuning setting is provided to compensate variations in lid models. Typical changeover time is less than five minutes for complete machine. Battery lifting system raises batteries off the conveyor to ensure scratch free batteries.

03



Individual pressure filling for each cell, electronic pressure regulation which automatically switches process pressure values. The system ensures pressure control based filling cycle which result in quick cycle time.

04



Dedicated tests available for particular lid designs. Kamina test head design mechanically blows all testing seals to tightly seal horizontal vent holes. Easy and quick fit testing head design remarkably facilitates changeover procedure. The machine is supplied with one set of testing head and relevant quick changeover template.

05



HMI for user friendly operation. Settings, manual buttons, basic production figures, recipe building, alarm & diagnostic are provided at HMI.

06



The machine can be supplied with an alphanumeric dot matrix code marking unit. The unit can be provided for top or side marking. Easy and quick setup features are integrated in the unit.

AVAILABLE OPTIONS

- * Mitsubishi PLC and HMI.
- * Dot matrix code marking system
- * Laser code marking system
- * Spare part set

TECHNICAL DATA

Electric: 220/380V - 3P -50Hz (or as required)
Power: 2 KwA
Compressed Air: 1 cbm/h @ 6Bar (87 psi)
Operator: None permanent
PLC: Siemens S7
HMI: Siemens
Pneumatics: Festo / SMC
AC Motors: SEW Eurodrive
Pressure Sensor: Sick
Control Voltage: 24V DC

Testing Pressure: Adjustable up to 0,1MPa
Pressure Filling: Pressure control based
Rapid Filling Function: Available
Resolution: 1 mbar
Max. Capacity: 3 batteries/min.
Networking: Available
Remote Access: Available
Standard Weight: 800 Kgs
Crate Dimensions: 120Wx320Lx220H cm