



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Automatic Corrosion Testing Machine

**Product Code :**  
LBNY-0005-1560001



#### **Description :**

The machine uses high precision load sensors, high resolution several mining system in data collection, can make the load, deformation and displacement quantity, time and data processing and display, as well as load, deformation and displacement automatic high speed closed-loop PID controlled. Test software running on windows platform, the domestic initiative of the test control routing design, high grade 3 operation test data processing model, automatic save test data, can also be tested after suspend of sudden power off, the test conditions and the test results can be automatic inventory, dynamic display the test data and the test curve, can be printed. Measurement and control system chooses SMT components, produced by automatic mounted system production, quality is stable, long-term reliable operation.

This slow strain rate (SSRT) constant corrosion (SCC) testing machine is mainly used for inspection, research of metal material static lasting tensile, creep, stress corrosion and the mechanical property test, etc can be used in NaOH, NO<sub>3</sub>, H<sub>2</sub>S, CL- solution, methanol, N<sub>2</sub>O<sub>4</sub>, NH<sub>3</sub>, wet air and water, and other media environment of metal stress corrosion damage characteristic test.

#### **Features:**

Automatic requesting for testing result data, also capable of launching an advanced analysis to inspect the data. The machine Supports more than 20 days of continuous testing.

Four specimen can be tensile test at one time.

Characteristic testing data can be marked on testing graphs.

Capable of statistical operations on testing data (average, standard deviation, coefficient of variance).

Open testing report, support custom testing template, automatic generation of testing report, which can be printed, previewed or saved as files.

Integrated with software limit protection, hardware travel limit protection and full scale overload protection.

As many as 20 layers of sensor linear compensation, elevates the precision of the instruments to the next level.

---

Support saving, instant retrieving and inspection of testing results.  
Domestically pioneered highly efficient three-level operation model of testing data processing. Supports open testing data processing, appending custom testing data items and re-inspection of processed testing data.  
Rounding off of numerical testing data complies with Rules of Rounding Off for Numerical Values, supports rounding off in sections and custom rounding off.  
Capable of re-analyzing test data and curves, and partial zooming of testing curves at will.  
Event data can be saved, test can continue to be interrupted when the power supply test.

**Technical Specification :**

Automatic Corrosion Testing Machine



**Laboratory Instrument India**