STB Series
Single Column Materials
Testing Machine

TENSILON

TENSILON STB Tabletop Testing Machine
STB TENSILON

STB-1225S
Tabletop design
Maximum capacity: 2.5kN
Effective test width: 550mm

Operate from PC
TACT
Can be controlled easily from a standard computer using the TACT data processing system

Easy Operation
Touch Panel
Color screen with greatly improved visibility and operability

Controller
Designed for superior ease of operation with operation buttons and a jog dial

Display
Detachable digital display for load and displacement (1/1000 display)

High Precision
0.2msec
State of the art 0.2 msec high speed sampling (when TACT data processing software is used)

Top Grade
Top grade high level precision in its class

128 Times
Fully automatic range switching up to a maximum 128 times

11ch
Up to 11 channels of input signals
The STB Series Tabletop Testing Machine offers both high precision and space-saving efficiency

A&D’s Multi-Purpose Testing Machine, TENSILON, has become a byword for quality testing machines as it is now found in the laboratories of many corporations and research institutes.

The STB Series of tension and compression testing machines, with single column construction, are the compact entry models of the TENSILON range.

While achieving revolutionary space-saving and low cost, the STB Series realizes ultrafast calculation and maintains the high precision commensurate with the TENSILON name. What’s more, it has an environmentally friendly energy-saving design*

The data processing system uses TACT for operation from a standard computer and a color touch panel screen for a superior user interface. By significantly improving visibility and usability, the STB Series offers user friendly measurement, which is simple to use even for the first time.

The compact and high precision TENSILON STB Series is capable of evaluating both the performance and physical properties of a multitude of items, including food products, drugs and medicine, electronic components and miniature parts, with an optimum table top design which allows easy access for the user.

*Low power consumption (30% lower than similar A&D products)
**Data processing system**

**TENSILON ADVANCED CONTROLLER FOR TESTING**

Configure settings simply by using the performance optimized TACT data processing system on a computer. Operating status can be confirmed at any time allowing for user-friendly measurements, even when being used for the first time.

**World-class high speed sampling of 0.2 msec**

**Simple configuration using setup wizard/ribbon control**

**Settings for analysis results from graph images**

**Multiple channels for external signal input/calculation**

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### Help balloons

- **Installation space**: Can be installed close to user
- **Simple and convenient to use**
- **Space-saving testing machine**

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### TENSILON LINE-UP

**World-class measurement and control**

- **RTF-2430**
- **RTF-2425**
- **RTF-2410**
- **RTF-2350**
- **RTF-2325**

  - Flexure model: Maximum capacity: 300kN - 25kN
  - Effective test width: 580mm

**Model with best total balance**

- **RTF-1350**
- **RTF-1325**

  - Tabletop design: Maximum capacity: 50kN - 25kN
  - Effective test width: 590mm

**Compact operation**

- **RTF-1310, RTF-1250**
- **RTF-1225, RTF-1210**

  - Tabletop design: Maximum capacity: 10kN - 1kN
  - Effective test width: 420mm

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*As a trusted name in testing machines, TENSILON is the first choice for many corporations and research institutes.*

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*For safety purposes! Read the relevant instruction manuals carefully before use.*