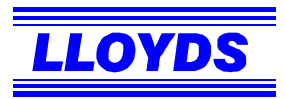


Digital Bond / Peel Strength Tester Model- DBST 92N



The BST Series digital testing machine is an easy to use solution for force measurement and material testing applications from 300 grams (2 N) up to 20 Kg (20N or 225 lbf) capacities. The machine uses high precision loadcells and fast responsive micro controller based electronics as the measurement device. The machine can be equipped with a variety of accessories including: grips, fixtures and extensions. The BST features an innovative design that maximizes working space and simplifies operation and almost a maintenance free and easy to calibrate system. The large work surface accommodates large specimens and can be specified with optional work surfaces for specialised fixtures or applications.

The BST Series displays load information on a highly legible display console with integral membrane keypad. The machine performance can be maximised when combined with our special application NexGen software for plotting the serial data. This WINDOWS® based software is equally easy-to-use and allows detailed force measurement and material testing data to be stored and displayed in graphical format with database capability.

Test Method :

Bond / Seal Strength testing is done by cutting of test sample in suitable width 15 / 20 / 25 mm and mounting one ply of sample in hook or clip below the load cell and other ply to the rotor of instrument with the help of self adhesive tape or self locking arrangement. With rotation of the rotor (anticlockwise), two piles are separated. Peak Force values are indicated on the bold Digital display.



Features

- Large Working Area
- Flexible and Accurate Load measurement
- Simple plug and use
- Ergonomically designed
- PC integration

Ordering Option:

- LoadCell: 0.3 / 0.7 / 1 / 2 / 3 / 6 / 10 / 20 kg.
- Testing Speed: 15 / 20 / 25 mm/min

Specification

- ◆ Capacity: 0.3,0.7,1.2,3,6,10,20 kgf.
- ◆ Accuracy: 0.1 & 1 grams for low range 10 grams for high range
- ◆ Testing Speed: 15 mm/min fixed.
- ◆ Speed Accuracy: <0.2%
- ◆ LoadCell Accuracy: +/- 0.5% of readings
- ◆ Digital Functions: Tare, Peak, Calibration
- ◆ Data sampling Rate: 500hz
- ◆ Output: Rs232 Serial Data
- ◆ Main Power: 220 / 230 VAC 50 / 60 Hz

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