

**HST-JBS300B/500B    Digital    Display    Pendulum    Impact    Testing  
Machine(300J/500J)**



### **Application**

JBS-B Series Touchscreen Digital Display Semi-automatic impact testing machine is mainly used to determine the anti-impact capability of ferrous metal materials with high toughness, especially for steel and iron and their alloy, under dynamic load.

This series tester is operated semi-automatically, the pendulum of the machine can be raised or released automatically.

Be applicable for continuing testing in different kinds of laboratories and other metallurgy industrial manufactories.

### **Standards:**

ISO148, EN10045, ASTM E23, GB/T3808-2002 ,GB/T229-2007.

### **Specifications**

|                                                          |                                    |                          |
|----------------------------------------------------------|------------------------------------|--------------------------|
| Model                                                    | JBS-300B                           | JBS-500B                 |
| Impact Energy                                            | 150 J / 300 J                      | 250 J / 500 J            |
| Control Methods                                          | Single Chip Control                |                          |
| Display Way                                              | Dial Display and Digital Display   |                          |
| The Distance Between The Pendulum Shaft And Impact Point | 750 mm                             | 800 mm                   |
| Minimum Reading Value                                    | 1 J                                | 2 J                      |
| Impact Speed                                             | 5.2 m/s                            | 5.4 m/s                  |
| Pre-rising Angle Of The Pendulum                         | 150°                               |                          |
| Specimen Bearer Span                                     | 40+0.2 mm                          |                          |
| Round Angle Of The Jaw                                   | R 1.0~1.5 mm                       |                          |
| Round Angle Of Impact Edge                               | R 2.0~2.5 mm(Optional: R8±0.05 mm) |                          |
| Angle Accuracy                                           | 0.1°                               |                          |
| Pendulum Torque                                          | M=160.7695N.m 80.3848N.m           |                          |
| Standard Specimen Dimension                              | 10 mm * 10(7.5 or 5) mm * 55 mm    |                          |
| Impact Pendulum Configuration                            | 150 J, 1 PC; 300 J, 1 PC           | 250 J, 1 PC; 500 J, 1 PC |
| Power Supply                                             | 3phs, 380V, 50Hz                   |                          |
| Dimensions                                               | 2124mm * 600mm * 1340mm            |                          |

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