



## Test Nonmetallic Material Toughness Impact Tester

Qiantong® Test Nonmetallic Material Toughness Impact Tester from China factory is also one of our company's main products, the machine is convenient to operate, after the test directly shows the impact strength (including the US standard data and national standard data), the instrument is scientific research units, colleges and universities, non-metallic material manufacturers for quality inspection of the common equipment.

### Product Description:

Mainly used for the determination of impact toughness of hard plastics, reinforced nylon, glass steel, ceramics, cast stone, electrical insulation materials and fiber reinforced thermosetting and thermoplastic composites and other non-metallic materials. The China Qiantong® Test Nonmetallic Material Toughness Impact Tester is the chemical industry, scientific research institutions, universities, quality testing departments, professional manufacturers laboratory and other units of ideal test equipment. The product has a wide measuring range, PLC touch screen control and display, automatic calculation of experimental results with U disk storage data function, can be exported, edited and printed, with automatic correction of energy loss function, clear, easy to operate, accurate and reliable measurement results.

### Product Parameter of the Test Nonmetallic Material Toughness Impact Tester

1. Impact speed: 3.5m/s;
2. Pendulum energy: 5.5J;
3. Pendulum Angle: 150 °;
4. Distance from center of axis to impact blade: 0.322m;

5. Pendulum force distance: 5.5J pendulum  $PL=2.8355N.m$  2.75J pendulum
6. Impact blade to the upper distance of the mouth: 22mm;
7. The radius of the blade fillet:  $R=0.8mm$ ;
8. Sample type: in line with GB1843-80 and ISO180-92 standards;
9. Power supply: 220V 50Hz 400W
10. Overall size (length, width and height): 800×350×820mm;

### **Product feature and application of the Test Nonmetallic Material Toughness Impact Tester**

Digital display cantilever beam impact testing machine is used to measure the impact strength and toughness of plastic, reinforced nylon, ceramic, cast stone, plastic electrical appliances, insulating materials and other non-metallic materials. The full touch screen control system can directly input the spline size, and directly display the impact strength after testing (including US standard data and national standard data). The machine is a common equipment for quality inspection in the chemical industry, scientific research institutions, colleges and universities, and non-metallic material manufacturers.

### **Test Nonmetallic Material Toughness Impact Tester details**



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