

SKZ148 Falling Dart Impact Tester



Dart impact testing machine used for plastic films and sheets of impact test to evaluate the impact resistance, it adopts background light source for test results.

Standard

ISO7765-85: Determination for Impact Resistance of Plastic Film and Sheeting

GB9639-88: Impact Resistance Test of Plastic Films and Sheets

ASTM D1709 - 09 Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method

Technical parameters

1. Working temperature: 10-35 °C.
2. Power request: 220V±10%, Background source request: DC12V
3. Dart-head accuracy: 0.1%
4. Dart-head weight: 50-2000g, 5g/incremental (5g*5pcs 15g*15pcs 30g*10pcs 45g*10pcs 80g*10pcs 90g*15pcs)
5. Dart-head semi-diameter: A method: R19±1mm, B method: 25±1mm
6. Sample clamp device: external diameter: 150mm, inside diameter: 125mm
7. Impact height: 660mm, 1500mm
8. Impact energy: 30J
9. External dimension (L*W*H): 540mm*500mm*2200mm
10. Weight: 120kg