



Pendulum Impact Test Apparatus of IEC 62262



Product details:

This test device conforms to IEC62262. It is used for the mechanical strength test of the sheet metal like the substation ark and the metalloid electric energy metering cubicle. The mounting bracket and the angle of impact are adjustable. This device is for the energy impact test (the energy is more than 2J).

Technical parameters:

Pendulum length: 1000 mm;

Pendulum external diameter: 15.9 mm;

Thickness: 1.5 mm;

Material: Steel;

With 2J, 5J, 10J, 20J Hammer;

The impact height can be adjustable (200-1200mm). It can be customized. The impact apparatus can be moved on all sides.

The feature of the striking elements:

| | | | | |
|----------------------|----------|----------|-----------|-----------|
| Energy/J | 2 ±5% | 5 ±5% | 10 ±5% | 20 ±5% |
| Equivalent mass±2%kg | 0.5 | 1.7 | 5 | 5 |
| Material | Steel | | | |
| R/mm | 25 | 25 | 50 | 50 |
| D/mm | 35 | 60 | 80 | 100 |
| f/mm | 7 | 10 | 20 | 20 |
| r/mm | - | 6 | - | 10 |



The height of falling:

| | | | | |
|----------------------|-----|-----|-----|-----|
| Energy/J | 2 | 5 | 10 | 20 |
| Equivalent mass/kg | 0.5 | 1.7 | 5 | 5 |
| Dropping height±1%mm | 400 | 300 | 200 | 400 |

IK code and the corresponding impact energy:

| | | | | |
|-----------------|------|------|------|------|
| IK code | IK07 | IK08 | IK09 | IK10 |
| Impact energy/J | 2 | 5 | 10 | 20 |