



RH450-A Concrete Test Hammer

It is suitable for structural engineering high-rise buildings, etc. It is usually suitable for the compressive strength test of concrete with strength grade of C50-C100.



Chrome plated pointer shaft



Fine zero adjustment screw



Imported premium springs



High-precision aluminum alloy flanges

Components

- ① Rebound hammer
- ② Hand protector silicone hand rest
- ③ A grinding stone
- ④ One maintenance kit
- ⑤ Instrument box



Technical advantages

- High toughness alloy steel spring , better elasticity and more fatigue resistance.
- High precision CNC machining refined movement to ensure more accurate rebound value.
- High strength body shell, light and easy to use, pressure and fall resistance.
- Custom sheathed hand rest, more comfortable to operate.

Introduction

With the development of economic construction, high-strength concrete is widely used in all kinds of engineering construction. Langry developed and produced RH450-A with 4.5J impact energy on the basis of concrete test hammer with 2.207J impact energy in accordance with relevant regulations.

Technical parameters

| Model | RH450-A | RH550-A |
|--|-------------|-------------|
| Standard impact energy | 4.500J | 5.500J |
| Pointer length | 20.0±0.2mm | 20.0±0.2mm |
| Friction of pointer | 0.65±0.15N | 0.65±0.15N |
| Spherical radius of bouncing rod | 35±1.0mm | 18±1.0mm |
| Elastic tension spring stiffness | 900±40N/m | 1100±50N/m |
| Operating length of elastic tension spring | 106.0±0.5mm | 86.0±0.5mm |
| Bounce hammer take-off position | Scale "0-1" | Scale "0-1" |
| Calibration value on testing anvil | 88±2 | 83±1 |