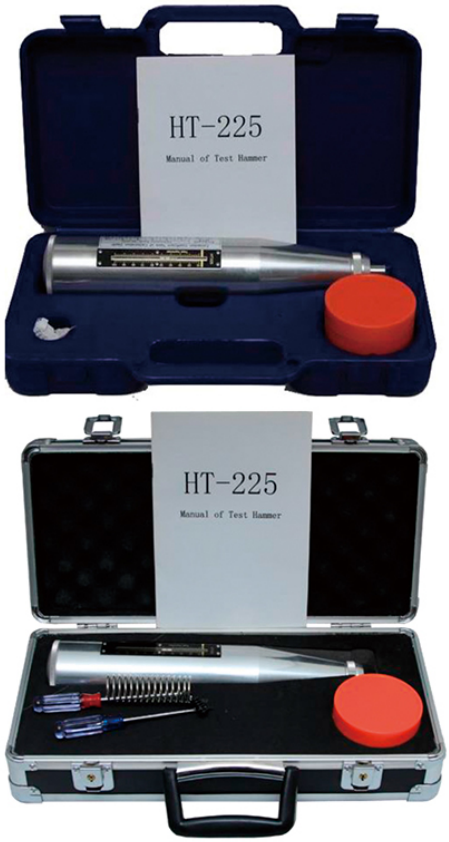
HT-225

Concrete Test Hammer



Introduction

The HT225 Concrete Test Hammer is designed specifically for the non-destructive testing of concrete structures. This method has considerable advantages over conventional methods of assessing the compressive strength of concrete in that large areas can be tested in a very short time at a very low cost.
The HT225 is comparable with the Schmidt Hammer, Type N, this method of testing is covered by EN 12 504-2, ASTM C 805, DIN 1048 and BS1881 part 202. These standards refer to assessment of the rebound hardness of concrete which is directly related to the compressive strengths of the material being tested.

Steel Anvil

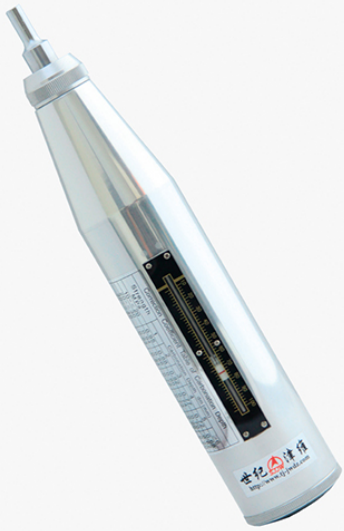
In order to make sure test hammer in good status, we should calibrate it regularly. Hardness of steel core:60±2HRC
The rebound value fall in the range of 80±2(for test hammer with impact energy of 0.735J and0.196J, it's calibrated value should be 74±2）

Technical Specification

Model	HT-225
Measuring ranges	10-70MPa
Impact energy	2.207±0.1J (0.225Kgf.m)
Length of spring stretch	75±0.3mm
The static friction of pointer slider	0.65N±0.15N
Radius of spherical tip	25mm±1mm
The average rebound values on steel anvil	80±2
Housing dimensions	Φ54×280mm
Weight	≈1kg

HT-20

Mortar Test Hammer



Introduction

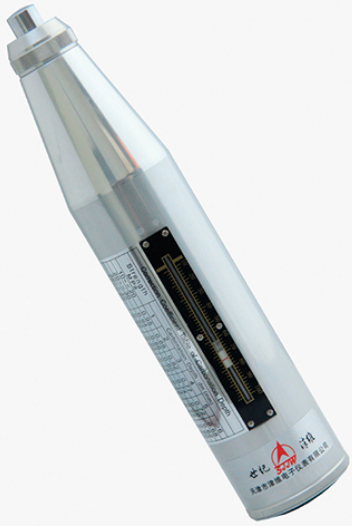
This instrument is specially used in testing the compressive strength of mortar in building brick component.

Parameter

Measuring ranges	1.0~25MPa
Impact energy	0.196J(0.02kgf.m)
Length of spring stretch	75mm±0.3mm
The static friction of pointer slider	0.4N~0.6N
Radius of spherical tip	25mm±1mm
The average Rebound values on steel anvil	74±2
Size	Φ54×268mm
Weight	≈1KG

HT-75

Brick Test Hammer



Introduction

Submit to standard of GB/T50315-2000, the instrument is applied to test light material such as brick, light bone concrete etc.

Parameter

Impact energy	0.735J
Length of spring stretch	75mm±0.3mm
The static friction of pointer slider	0.4N~0.6N
Radius of spherical tip	25mm±1mm
The average Rebound values on steel anvil	74±2
Size	Φ54×268mm
Weight	≈1KG

HT-1000

High Strength Test Hammer

Introduction

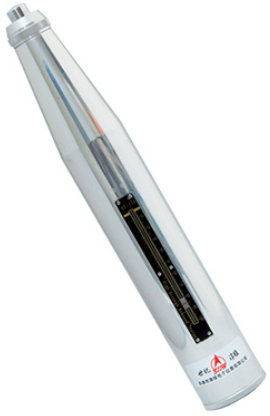
The instrument is suitable for testing strength of tall building structure, bridge and concrete component etc

Specification

Test range	50~80MPa
Impact energy	9.8J
Stroke of rebound hammer	140±0.5mm
Friction of pointer slider	0.4N~0.8N
Average rebound value on steel anvil	83±2
Stiffness of tension spring	1000±45N/m
Size	Φ65×486mm
Weight	≈3.5KG

HT-550

High Strength Test Hammer



Introduction

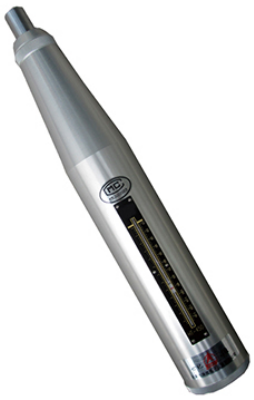
The instrument is suitable for testing strength of tall building structure, bridge and concrete component etc

Specification

Test range	60-90MPa
Impact energy	5.5J
Rebound spring impact length	100±0.5mm
Stiffness of tension spring	1100±50N/m
Average rebound value on steel anvil	83±2
Radius of rebound pole SR	18±1.0mm
Size	Φ54×350mm
Weight	1.28KG

HT-450

High Strength Test Hammer



Introduction

HT-450 test hammer is used to test high strength concrete compressive strength, like high rise, bridge. And apply to C50-C100 concrete.

Specification

Test range	20-110MPa
Impact energy	4.5J (1kgf.m)
Impact stroke	100±0.5mm
Tension spring rigidity	900±40N/m
Calibration value on test anvil	88±2
Dimension	430*D64mm
Weight	3KG