



Schmidt Rebound Hammer

Schmidt rebound hammer is classic measuring method, non-destructive test the compressive strength of concrete construction.



HT-225W/
HT-225W+

HT-225E

Model	HT-225	HT-225E	HT-225W/HT-225W+
	Mechanical hammer	Digital hammer	Digital voice report hammer
Standard impact energy	2.207J (0.225Kgf.m)		
Static friction of pointer slider	0.65N±0.15N		
Length of spring stretch	75±0.3mm		
Average rebound hammer on steel anvil Rm	80±2		
Measuring range	10~60Mpa		
Communication interface	----	USB 2.0	USB 2.0
Real time voice report result	----	----	√
Data print out	----	----	√
Power Supply	----	1×5#Ni-Mh rechargeable battery	HT-225W built-in lithium battery HT-225W+ removable lithium battery
Data storage capacity	----	<200	200 standard components (99 testing areas per component), 0special measuring curves
Display	----	----	16bit True colors, 176 x 220 resolution, 5 levels of backlighting adjustable.
Working humidity	≤90%RH		
Working temperature	10°C ~ + 50°C		

ZC3 Concrete Rebound Hammer



Concrete Test Hammer generally applied to building components, bridges and all kinds of concrete components (panels, beams, columns, bridges) strength.

Technical parameters

Standard impact energy	2.207 J
Pointer length	20.0 ± 0.2mm
Friction of pointer	0.65 ± 0.15N
Spherical radius of bouncing rod	25±1.0mm
Elastic tension spring stiffness	785.0 ± 30.0N/m
Impact length of bounce hammer	75±0.3mm
Bounce hammer take-off position	Scale "0"
Calibration value on steel anvil	80 ± 2



Stainless
steel body



Wear resistance,
high elasticity



Even friction,
high accuracy



Even friction,
high accuracy

Features

- Suitable for testing a wide variety of concrete, rock and bricks
- Light, flexible and simple operation
- Friction adjusted by the pointer
- Adopt stretching techniques to let the button work well
- Supplied with carborundum stone to prepare test surface

ZC3-A Concrete Rebound Hammer



ZC3-A Concrete Rebound Hammer , in accordance with JGJ/T23-2001 technical regulations, is used for detecting the concrete compressive strength within the range of 10-60Mpa and has the system standard energy of 2.207J.

Main Technical Parameters

Measuring Range	10~60Mpa
Impact energy	2.207±0.1J(0.225Kgf.m)
Length of pointer	20.0± 0.2(mm)
Friction force of pointer	0.65± 0.15(N)
Spherical radius of bounce rod end	25± 1.0(mm)
Stiffness of bounce tension spring	785.0± 40.0(N/m)
Impact length of bounce hammer	75± 0.3
Fixed value of steel anvil	80± 2
Working length of bounce tension spring	61. 5.0± 0.3(mm)



Standard Delivery

- Concrete Rebound Hammer
- Grindstone
- Spring
- Small screwdriver
- Carrying case



HT-225A Concrete Rebound Hammer



The concrete rebound hammer are the most widely used portable NDT measuring instruments for a rapid assessment of the condition of a concrete structure

Schmidt rebound hammer Standards

The Schmidt rebound hammer is fully compliant with

- ISO/DIS 8045 International
- EN 12 504-2 Europe
- ENV 206 Europe
- BS 1881, part 202 Great Britain
- DIN 1048, part 2 Germany
- ASTM C 805 USA
- JGJ/ T 23-2001 China
- JIG 817-1993 China
- JIG 817-2001 China

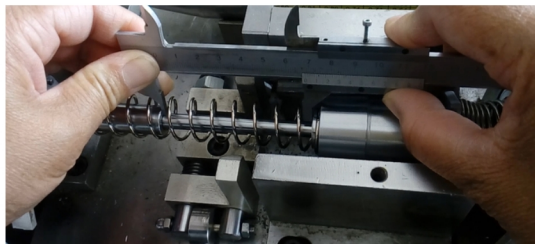
Technical Specification

Measuring ranges	10-60MPa
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
Material of the body	Aluminum
Working humidity	≤ 90%RH
Working temperature	-10 °C~+50 °C

Standard Accessories

- Concrete Rebound Hammer
- Grindstone
- Spring
- Small screwdriver
- User Manual
- Aluminum carrying case

Inspection and Calibration



TEM912&TEM91

Digital Concrete Rebound Hammer



TEM91 Series DIGITAL TEST HAMMER automatically Record, Save, Calculate and Processing data.

Advantage

- Voice broadcast function
- 2.0inch HD color screen
- Automatic display of mean and intensity
- Direct charging of lithium battery
- Connect to the PC terminal to transmit data
- Wireless Bluetooth printing function
- Stainless steel probe
- High-end imported spring



Technical Specification

Standard impact energy	2.207J
Rigidity of tension spring	7.85N/m
Error range for digital displayer	$\leq \pm 1$ (the difference between displayer and scale)
Average rebound hammer on steel anvil Rm	80 \pm 2
Display	2.0inch (220 \times 176 pixels)
Language	English Version
Output Mode	Cable (Update version have WIFI, Bluetooth)
Storage Capacity	2000 pcs, 640 thousand data
Turn off	Automatic turn off without operation
Power supply	3.7V Lithium battery, 1050 mA.
Port	USB (update type Bluetooth and WIFI)
Collection Mode	Automatic display and record data
Size(mm)	150 \times 62 \times 39

Packing List

Accessories	Model	TEM912	TEM91
Main Unit		✓	✓
USB Cable		✓	✓
Power Adapter		✓	✓
CD-ROM Software		✓	✓
Springs		✓	✓
Screwdriver		✓	✓
Millstone		✓	✓
Carrying case		35*8*12cm	37*30*15cm
Operation Manual		✓	✓