HT-225Q

Digital Concrete Test Hammer (Simple Type)

Introduction

HT-225Q Digital Concrete Hammer is a high-tech product, especially designed for the needs of in place test for concrete compressive strength, applied to non-destructive test (NDT) hardened concrete compressive strength component in construct projects.

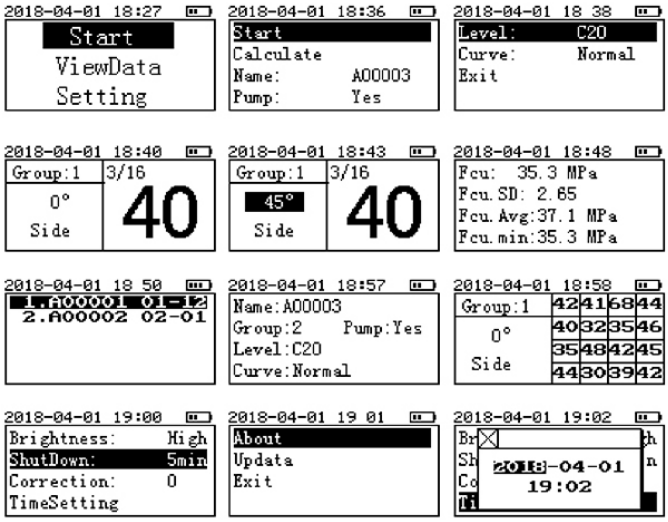
Features

- Submit to < Technical Specification of Inspecting Concrete Compressive Strength by Rebound Method > (JGJ/T23-2011). And ASTM C805, EN 12504
- Automatic recording function improves the efficiency of measurement.
- Using sensitive operation touch keys. The keys are not easy to aging.
- Integrated wireless structure of the test hammer host and the displayer part. Easy to carry and make work efficient.
- The instrument is powered by a built-in rechargeable lithium battery, which can operate continuously for more than 10 hours

Standard Delivery

- HT-225Q test hammer
- USB communication cable
- Manual
- Software disc
- Carrying case
- Charger 5v 1A

Interface



Technical Specification

Model	HT-225Q
Measuring ranges	10-70MPa
Impact energy	2.207±0.1J （0.225Kgf.m)
Length of spring stretch	75±0.3mm
Tension spring stiffness	785±30N/m
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
Data storage capacity	200 standard components
Power supply	1×5# Ni-MH rechargeable battery
Housing dimensions	Φ54×280mm
Weight	≈1kg

HT225-V

Digital Concrete Test Hammer

Brief Introduction

HT225-V is a portable instrument to test the compressive strength of concrete structures or rock in non-destructive testing field. The rebound value can be converted into a reading on the digital display, and the estimated mean value, standard deviation and concrete strength can be shown.

Features

- The main unit integrated with the sensor,portable design
- True color LCD screen, high resolution of 176×220mechanical hammers
- Powered by high-capacity rechargeable lithium battery
- Non-contact grating sensor with high precision
- Unique sound alarm of rebound value
- Easy to generate report by printer on the spot
- Automatic delete exceptional value and calculate component results
- Possibility to store, display and transfer data to PC with USB interface

Standard Delivery

- Main unit
- Software
- USB connecting cable
- Power charger
- Carborundum stone
- Instruction manual
- Warranty card
- Carry case
- Calibration certification

Optional Accessory

- Portable printer
- Power charger for portable printer (9v/2A)

Technical Specification

Model	HT225-V
Measuring ranges	10-60MPa
Impact energy	2.207J
Spring extension	75±0.3mm
Display	16-bit true color 176×220 resolution
Data storage	480000 testing results
Mean value of steel-anvil rating	80±2
Flip tension spring rigidity	785±30N/m
Power supply	Rechargeable lithium battery
Power consumption	Maximum backlight situation ≈100mA(Voice off)
Interface	USB2.0 full-speed
Weight	1.1Kg

HT225-W/W+

Integrated Voice Digital Test Hammer

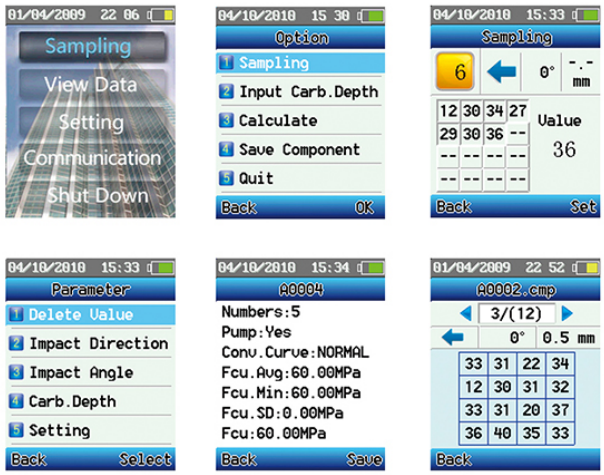
Features

- Voice service, LCD and scale readings are double guarantee the accuracy of the test values. When in-site test in case without power still can get the measure results through the scale. Voice service can improve the efficiency of work at special environment.
- Machine core applys imported metal material, high precision, long service life.
- The host and sensor integration design, easy to operate and efficient.
- High-resolution LCD color screen 176×220
- USB fast communication with PC
- Easy to operate, friendly system interface
- Non-contact metal reflection grating and reflective encoder sensing with high precision
- The difference between displayer and scale <=0.5

Accessories

- Main Unit
- Calibration certification
- Carbourundum stone
- USB connecting cable
- Carry case
- Power charger
  (Output DC5V/1A only HT225-W)
- portable infrared printer is selectable
- Software disc
- Manual

User-interface



Parameter

Model	HT225-W/W+
Measuring ranges	10-70MPa
Impact energy	2.207J
Spring constant	785±30N/m
Spring extension	75±0.3mm
The average rebound values on steel anvil	80±2
Data storage	480000 testing results, 20 special test strength curves could also be planted into
Size	L280mm×D54mm
Weight	1.2KG
Power source	HT225-W 3.7V/1500mAH lithium battery HT225-W+ 1×3.7V/2000mAH lithium battery

HT-225E

Digital Concrete Test Hammer (Simple Type)

Brief Introduction

HT-225E Digital Concrete Hammer is a high-tech product, especially designed for the needs of in place test for concrete compressive strength, applied to non-destructive test (NDT) hardened concrete compressive strength component in construct projects.

Features

- Submit to < Technical Specification of Inspecting Concrete Compressive Strength by Rebound Method > (JGJ/T23-2011). And ASTM C805, EN 12504
- Unique automatic recording function improves the efficiency of measurement
- Non-contact grating sensor with high precision
- Large storage capacity
- Adopting USB interface, as U flash disk, no need special driver
- Digital part is suitable for all mechanical hammers of our company easily installed and serviced

Standard Delivery

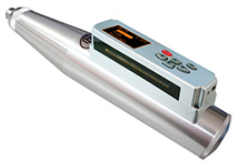
- Main Unit
- Software
- USB connecting cable
- Power charger
- Carborundum stone
- Manual
- Warranty card
- Calibration Certification
- Add “NiMH rechargeable batteries 2 pcs(AA)”

1 Take off the scale and put the base plate on it.

2 Adjust slider position.

Note: Don't move the grating angle.

3 Fix the base plate usig 4 screws and fix the digital part.



4 Finished

Technical Specification

Model	HT225-E
Measuring ranges	10-60MPa
Impact energy	2.207±0.1J (0.225Kgf.m)
Length of spring stretch	75±0.3mm
Tension spring stiffness	785±30N/m
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
Data storage capacity	200 standard components
Power supply	1×5# Ni-MH rechargeable battery
Housing dimensions	Φ54×280mm
Weight	≈1kg