

# DIGITAL CONCRETE TEST HAMMER HT-225Z

Concrete Test Hammers are ideal for fast and economical non-destructive testing (NDT) assessment of in-place concrete to evaluate strength and consistency. This digital concrete test hammer HT-225Z is microprocessor operated and uses advanced technology to perform basic concrete testing. It mainly includes 1 mechanical concrete testing hammer, 1 electronic detection system, 1 charger, 1 Micro USB data cable, 1 USB flash drive, and 1 product manual.

## FEATURES

- Small size, modular design, easy to replace the mechanical rebound test hammer
- Built in large capacity rechargeable lithium ion battery, long service life of the test hammer
- Built in large capacity memory can store 999 standard components, and a single component can set up 99 measuring areas and 159840 measuring point data at most
- Support break-point continuous test, and data collection is more convenient and humanized
- Support voice counting, measurement area conversion and component completion voice reminder
- Support Bluetooth online, expand the use of mobile app connection, and make it more convenient to upload data to the cloud with the cloud server
- Through data line connection and computer data processing software, the test data can be processed quickly and the test report can be issued
- Support system upgrade. According to user feedback, the company will upgrade the system regularly to improve the use experience



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## TECHNICAL SPECIFICATIONS

Nominal kinetic energy	2.207J
Stiffness of spring	785 ± 30.0N/m
Pointer length	20.0 ± 0.2mm
Pointer friction	0.65 ± 0.15N
Spherical radius of impact rod	R25 ± 1.0mm
Working length of elastic tension spring	61.5 ± 0.3mm
Tensile length of elastic tension spring	75.0 ± 0.3 mm
Rated value of steel anvil	80 ± 2
Consistency of detection indication	≤±1
Operating temperature	- 4 °C ~ + 40 °C
Communication rate	115200bps
Display	2.08-inch 256x64 (dot matrix) OLED display
Power supply	1800mAh, 3.7V lithium ion battery
Working hours	Continuous working ≥ 10 hours
Test range	10-60MPa