DIGITAL CONCRETE TEST HAMMER HT-225DS

STANDARD: ASTM C805, EN 12504-2

The HT-225DS Digital Concrete Test Hammer is an advanced solution for non-destructive testing (NDT) of concrete compressive strength, combining precision engineering with smart digital technology. This innovative device features a unique modular design that separates the mechanical hammer body from the digital processor, allowing for quick field replacement of components when needed. It mainly includes 1 digital/mechanical rebound hammer unit, 1 high-capacity lithium-ion battery and charger, 1 Mini-USB data cable, 1 calibration anvil, and 1 product manual.

FEATURE

- Built-in large capacity memory stores up to 1000 components with 16 test zones and 16 test points each
- Supports both standard measurement mode and customizable testing modes
- Automatic correction for test angles, casting surfaces and carbonation depth up to 6mm
- Features non-contact optical sensor technology for wear-free operation and longer service life
- Support system upgrade. According to user feedback, the company will upgrade the system regularly to improve the use experience
- Powered by rechargeable lithium-ion battery for extended field operation
- Data can be exported to PC software for quick report generation in Excel format

TECHNICAL SPECIFICATIONS

Impact energy	0.225kgm (2.207J±0.100J)
Rigidity of recoiling tension spring	785±30.0N/m
Length of pointer	20.0±0.2mm
Friction of pointer	0.65±0.15n
Spherical radius of recoiling rod	R25±1.0
Active length of recoiling tension spring	61.5±0.3mm
Impact length of recoiling rod	75.0±0.3 mm
Calibration value on steel anvil	80±2
Consistency of test indicating value	≦±1
Operating Temperature	-4°C-+40°C
Display screen	high-light blue OLED display screen
Resolution	256X64
Types of sensor	non-contact optical coupler type sensor

SINCE 2006

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