

RH225-B Digital Concrete Test Hammer

LANGRY®



Note: The old version is HT225-NB

PRODUCT DESCRIPTION

APPLICATION

Used for testing the compressive strength of ordinary concrete in the range of 10 to 70 N/mm² (1'450 to 10'152 psi) in structural engineering

STANDARDS

- 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
- NFP 18-417 France
- B 15-225 Belgium
- JGJ/ T 23-2011 China

PRODUCT FEATURES

It has the functions of rebound sampling, automatic recording, automatic storage, automatic calculation, strength result viewing, field Bluetooth printing, background management settings, online upload data and so on. The work efficiency of rebound detection is greatly improved and the labor intensity of testing personnel is reduced.

- 1.It adopts mobile phone keystroke technology and seven-key design. The product is characterized by better hand feeling, longer life, faster response, easier to operate.
- 2.Large-size and highlighted OLED liquid crystal display screen can display more content information.
- 3.Built-in Bluetooth chip is connected to portable Bluetooth printer and can print out the original records and test results in the field.
- 4.Equipped with high-power loudspeaker, on-site voice count more clearly, can also be normally used in noisy environment.
- 5.The modular design of the electronic warehouse can be quickly assembled with the ordinary mechanical rebound apparatus into a new integrated digital rebound apparatus.
- 6.The rebound value is collected by non-contact grating and photocoupling sensor. There is no wire connection between the pointer block and the circuit board, Higher accuracy, more stable rebound value.
- 7.Removable large capacity lithium battery, super long standby, easy to maintain.
- 8.Upgrade dust-proof structure, easier maintenance, longer service life and more stable rebound value.
- 9.The computer online software adopts the latest data processing platform developed by LANGRY Technology, which has the function of automatic importing rebound value and automatic identifying port, integrating rich report formats and various data export formats, and giving users a more perfect experience

SPECIFICATIONS

- 1.Memory storage: 240 standard components, each component can set 1-20 test areas
- 2.Display screen: 256*64 (dot matrix), high-light OLED blue-ray display screen
- 3.Online communication rate: 115.2k bps
- 4.Battery Power: 4.2v lithium battery, 2300mAh
- 5.Standard impact energy: 2.207 J
- 6.Elastic tension spring stiffness: $785 \pm 30\text{N/m}$
- 7.Stretch length of impact spring: $75 \pm 0.3\text{mm}$
- 8.Calibration value on testing anvil: 80 ± 2
9. Consistency of sampling indication: $\leq \pm 1$