

# Concrete Strength Tester

Product name : **Concrete Strength Tester**

Item : **Q61**

Details :

## **Application**

Q61 concrete strength tester is used to test compressive strength of concrete by two ways: rebound and ultrasonic-rebound method. Also, it can be used to test sound time and speed in concrete.

## **Specification**

Technical specification for inspection of concrete compressive strength by rebound method.  
Technical specification for detecting strength of concrete by ultrasonic-rebound combine method (CECS02:2005)

## **Performance**

- 1. Multi-function for testing compressive strength of concrete.** It is used to test the compressive strength of concrete by rebound method and ultrasonic-rebound method.
- 2. Get the compressive strength value of concrete by ultrasonic-rebound method in one instrument.** it need two instrument usually, one to test sound speed in concrete, the other to test rebound value.
- 3. Save test date.** This is convenient for laborer data management.
- 4. Real USB transmission,** Data can be transmit to computer for future process and analysis.
- 5. Powerful data process and analysis software in windows.** Test data can be export to word or excel for future process and analysis.

### **Technical Data**

1. Permissible sound time error:  $\pm 0.1\mu\text{s}$
2. Sensor frequency: 50KHz
3. Rebound kinetic energy: 2.207J
4. Rebound springs Rigidity:  $785.0\pm 40.0(\text{N/m})$
5. Rebound bar impact length:  $75.0\pm 0.3\text{ mm}$
6. Rebound value permission error:  $\leq \pm 1$
7. Average rebound value on Calibration anvil:  $80\pm 2$ ;
8. Temperature:  $-4^{\circ}\text{C}\sim +40^{\circ}\text{C}$
9. LCD screen:  $160\times 128(10\times 8\text{cm})$
10. Power: 6 dry cells, work more than 10 times
11. Dimension:  $205\text{mm}\times 173\text{mm}\times 86\text{mm}$
12. Weight: 850g