

# F51 Concrete Crevice Depth Tester

## ● Purpose

F51 Concrete Crevice Depth Tester is mainly used to test crevice depth and sound wave propagation velocity in concrete according to sound wave diffraction propagation principle. It is an intelligent Instrument with combined functions such as testing, saving and transiting data.



## ● Specification

Technical specification for inspection of concrete defects by ultrasonic method (CECS 21:2000)

## ● Performance/Functions









1. **High Intelligence.** Interpret sound wave propagation velocity and crevice depth value without human labor.
2. **Deep testable crevice depth.** Testable crevice depth is up to 650 mm.
3. **Special scales.** Improve test efficiency with portable, practical special scales.
4. **Being able to save date.** It's convenient for laborer data management.
5. **Powerful data processing and analysis software in Windows OS.**

## ● Technical Measurements





1. Testable crevice depth scope:  $\leq 650$  mm;
2. Permissible error:  $\leq 10\%$ ;
3. Data storage capacity :more than 6000 group test data;
4. Instrument size: 190mm $\times$ 183mm $\times$ 84mm;
5. Batteries: 6 dry cells, work more than 10 times;
6. Resolution of LCD screen: 160X128;

## ● Configure

Instrument	Plane energy transducer	Special scales	Signal Cable
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USB	Specification and Software CD-ROM	Batteries	box
			

## ● The major interface

Function selection	No-Cross crevice test	Cross crevice test	Test data scan
			

## ● software

It's convenient to process data and analyze with powerful software in windows system. It has Real USB transmission which can export data to word and excel, to save and print data easily.