

HC-CS202 Crack Depth Tester

DESCRIPTION

HC-CS202 Crack Depth Tester utilizes ultrasonic principles and is suitable for detecting the depth of cracks on concrete and non-metallic surfaces.

TECHNICAL SPECIFICATIONS

Features	Parameters
Operating System	Android
Main Control Unit	Professional Processor
Number of Channels	Dual Channel
Display	5-inch color LCD (720x1280)
Storage Capacity	Built-in electronic hard disk (16G)
Sampling Interval	0.025μs to 2000μs (multiple options)
Sampling Length	512 points to 2048 points (multiple options)
Transmitter Pulse Width	0.1μs to 100μs
Transmitter Voltage	125V, 250V, 500V, 1000V (multiple options)
Time-of-Flight Measurement Range	0 to 4096000μs
Amplitude Reading Range	0 to 170dB
Trigger Circuit	Internal trigger
Data Transfer	Dedicated USB drive, WIFI
Charging Power Supply	AC100~240 V, 50/60Hz, Output 12.6VDC, 3.0A
Host Dimensions	200x144x65(mm)
Host Weight	1.35kg
Operating Temperature	-20 to +60°C
Depth Measurement Range	5 to 500mm



KEY FEATURES

- Automatic reading of first wave arrival time and amplitude: No manual interpretation required, with direct display of crack depth.
- 5-inch high-definition full-color LCD touch screen: Convenient operation.
- User-friendly interface: Easy to learn and use.
- Low-power design: Continuous working time exceeds 8 hours.
- Manual adjustment of time-of-flight line: Data correction for more accurate test results.
- Waveform editing during testing: Arbitrary overwriting and deletion of stored measurement points.
- Data storage and software upgrade via USB drive: Enjoy convenient service support.
- Powerful PC analysis software: Easy data analysis, processing, and report printing.

COMPONENTS



Main Unit of the Detector

Planar Transducer

Flashlight

Flashlight Couplant

Crack Depth Gauge Scale

Signal Connection Cable

Signal Connection Cable

Carrying Case