# JW-CK102

## Crack Width Gauge



## Brief Introduction

JW-CK102 series crack width gauge can be widely used in bridges, tunnels, buildings, concrete pavement, metal surface crack width testing.



Photos cracks images

## The main technical parameters

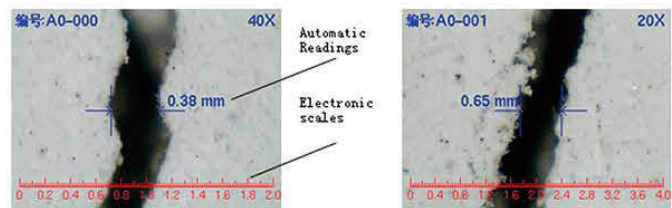| | |
|---|---|
| The maximum detection range | 0-6mm |
| Accuracy | better than 0.01mm |
| Magnification | 40times |
| The Operating Temperature | -20 ~ 60 ° C |
| Host Interface | standard USB |
| The storage | can be stored for more than 3000 photos (SD Card is free to expand) |
| Image storage format | BMP format 24 bit color 320×240 |
| Power supply | lithium battery, standby time: 18 hours |
| Size | Host 113x70x16.5mm |
| Probe | 48x56x58mm |
| Weight | host 100 grams, 100 grams of the probe |

## Features、

1. Automatically show the crack width on the screen.
2. Automatically take the crack photos. (real-time image display on the screen)
3. Stored photos and all data can be reviewed;
4. Probe (camera) comes with lighting fixtures can work in dim light;
5. Simple alignment of cracks can be automatically reading, without any set up, easy operation;
6. Crack photo as a standard BMP format, directly save to any Udisk/ SD card;
7. The camera function could catch all test information in time including crack images, test value and zoom images;
8. Host and the probe share one rechargeable lithium battery.
9. Reference specification: JGJ125-99 "dangerous building appraisal standards.

## Standard Delivery

| | |
|---|---|
| Main Unit | 1 |
| Probe (with 1.5 m cable) | 1 |
| Quick charger | 1 |
| Blowing balloon | 1 |
| Aluminum carrying case | 1 |
| Manual and warranty card | 1 |
| Software | 1 |

# SK-510
# Crack Integrated Detector

## Applications

Crack integrated detector is mainly used for crack width and crack depth measurement of bridges, tunnels, buildings, roads and so on.

## Professional design

1. Standard probe and high grade probe;
2. Two detection methods: standard and simple depth measurement.
3. Standard ultrasonic transducer bracket precise and adjustable; free from scene marking-out, which can greatly improve the detection efficiency.
4. Image automatic recognition and width intelligent computing technology; crack position without adjustment;
5. Crack automatic identification and calculation; real-time display;

## Human-computer interaction

1. Friendly human-computer interactive interface
2. Various built-in various helpful files and demo videos facilitate the users to conduct skilled instrument operation.

## Configure

Instrument、 Plane energy transducer、 special scales、 Signal Cable、 USB、 Specification and Software CD-ROM、 batteriesbox

## Mass storage

4GB large-capacity SD card can store more than100,000 data;

## Main technical parameters:

| | |
|---|---|
| Hardware Platform | Embedded ARM9 Hardware Platform , WinCe5.0 Operating System , True Color TFT Touch Screen |
| Crack Width Test Range | Standard Probe: 0.01mm ~ 6.5mm ; |
| Crack Width Test Accuracy | Standard Probe : ≤±0.02mm |
| Crack Depth Test Range | 10mm ~ 500mm |
| Crack Depth Accuracy | ≤±5% |
| Image Storage Format | BMP or JPEG |
| Power Supply | Rechargeable Lithium Battery |
| Working Time | ≥28 Hours |
| Working Temperature | -10℃ ~ +50℃ |
| Working Humidity | ≤90%RH |

Net Weight: 1.8kg
Gross Weight: 4.6kg
Package Size: 42*33*12.5cm