

# FCV-21

Measure crack-width in the field



Measure crack-width using our image processing technology. Innovative system allows you to view a screen and detect cracks in the measurement area.

## Applications

For simple, detailed or tracking inspection (both detection and measurement) of cracks in bridges, tunnels or walls.

For research institutes to measure/track crack-width in various tests.

Quantitative measurement

Stable measurement results for all users

Slim and lightweight design

Weighs only 300g

Easy to carry, portable device

Image Data Recording Function

Saves measurement data

Great for data management and maintenance



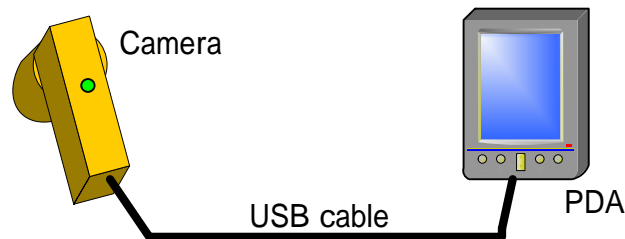
Measurement Image

## Specifications

Model Number	FCV - 21
Measurable crack width	0.05 ~ 2.0 mm
Resolution of detection	0.05 mm
Measurable area	Approx. 30 × 30 mm
Processing time	Less than 2 SEC
Photographing method	CCD digital color camera(1.4Mega Pixel)
Source image	JPEG (VGA)
Interface	USB1.1
Camera Battery	Alkaline battery *1
Camera cable length	Approx. 2.0m(USB cable)
Dimension (camera)	Approx. 150 × 72 × 89mm
Weight	Approx. 300g

\*1 Nickel hydrogen batteries can also be used.

## System diagram



## Accessories



- 1 . Camera
- 2 . PDA
- 3 . PDA case
- 4 . Camera strap
- 5 . PDA starap
- 6 . USB host cable
- 7 . USB cable extension
- 8 . Extension bar
- 9 . Extension bar case
- 10 . Strage case
11. CF Card
12. Alkaline battery
13. Blower brush
14. Sheet gauge

Specifications are subject to change without notice.

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