

CRACK MEASUREMENT MICROSCOPE WYSK-100X/40X

A high-quality microscope designed for measuring crack widths in concrete members, masonry walls and other structures. The crack measurement microscope operates by an adjustable lamp unit and the image is focused by turning a knob.

Model	WYSK-100X	WYSK-40X
Magnification	100X	40X
Measuring range	1.6mm	4mm
Subdivision	0.01mm	0.05mm
Dimensions	50×23×138mm	50×23×138mm
Weight	550 g	550 g



CRACK INTEGRATED DETECTOR CID-50

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

Powerful software in windows system convenient to data process and analysis: USB transmission, export data to word and excel, save and print data.

FEATURES

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

Hardware platform	Embedded ARM 9 Hardware platform, WinCe5.0 operating system, true color, TFT Touch Screen
Crack width test range	Standard Probe: 0.01mm-6.5mm Premium probe: 0.005mm~3.5mm
Crack width test accuracy	Standard probe: $\leq \pm 0.02\text{mm}$; Premium probe: $\leq \pm 0.01\text{mm}$
Crack depth test range	10mm-500mm
Crack depth accuracy	$\leq \pm 5\%$
Image storage format	BMP or JPEG
Working time	≥ 28 Hours
Working temperature	$-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
Working humidity	$\leq 90\%\text{RH}$
Power supply	Rechargeable Lithium Battery
Net weight	1.8kg
Gross weight	4.6kg
Packing size	420×330×125mm

