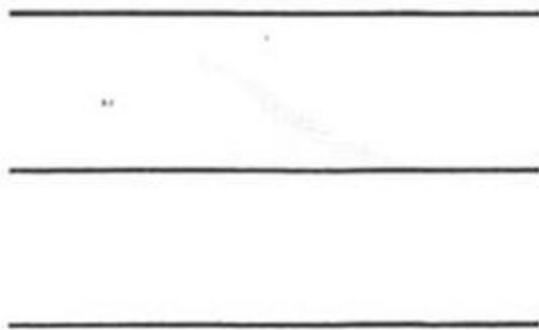


Manual of Crack width gauge



1. Brief Introduction

The CK-101 crack width gauge is used for real-time automatic detection of crack width and crack cracking process real-time observation, widely used in bridges, tunnels, walls, concrete pavement, metal, and other material surface.

Composition

The instrument is composed of the host machine, the camera and the signal cable between the camera and the host.

Prior to use, connect the camera and the host and the instrument will start.

2. Parameter

Measuring range : 0.02 ~ 8mm

Accuracy: $\leq 0.01\text{mm}$

Operating temperature: $-20 \sim 60^{\circ}\text{C}$

3. Features:

1. Connect the instrument and camera, turn on the power to start.

2. Close the camera to the measured crack. Make sure the upper end of the crack through the top of the screen boundaries, the lower end of the crack through the bottom of the screen boundaries.

3. Test site is the intersection of cracks and ruler. In order to ensure accuracy, ensure that cracks perpendicular to the horizontal.

4. Move the probe to adjust the location of the fracture, the crack edge at a full scale line. Read the corresponding value of another edge, the value between both edges as the crack width value. Recorded the crack width values.

5. Image movement

If the image is not convenient to control the scale, press the bottom right of the instrument four arrow keys to move the image to the right place, the four arrow keys to press to move a display point, press and hold the image for a long time to move continuously.

Software upgrade

Inside the instrument using digital software image acquisition, internal software can be upgraded with manufacturers of software updates or bug fixes, upgrade the following way:

Copy the files in the root directory of U disk.

When the instrument into the startup interface to immediately unplug the USB upgrade disk, otherwise the instrument will repeat the upgrade.

4. Attention

In order to better use this instrument, please read the user manual carefully before using

Signal cable's plug is self-locking plug can be inserted into the plug connection cord red dot red dot socket alignment, unplug the hand pinch the plug roots pull it straight out. Do not rotate left and right or forced cable, so as to avoid damage to the probe internal wiring.