



APPLICATIONS

The model: TP709 can use images to truly present the distribution of steel bars and impurities inside the concrete structure, and test the number of steel bars inside the concrete structure, the thickness of the protective layer and the spacing of steel bars. The test is completely free from the influence of the hoop bars, and can test the inclined steel bars and dense steel bars.

FEATURES

- ⊙ Integrated display provides rebar layout visuals in top view and sectional view for on-the-spot structural analysis
- ⊙ Smart algorithm helps accurate depth measurements for rebar
- ⊙ Wide sensor area enables quick and easy scan over large areas
- ⊙ Record scan data for documentation and structural analysis

TECHNICAL DATA

- ⊙ Image display: color shows the thickness of the protective layer of steel reinforcement, also showing the thickness of the protective layer of steel reinforcement, steel spacing
- ⊙ Test range of protective layer thickness: 0-210mm (the larger the diameter of reinforcement, the deeper the test depth)
- ⊙ Application range of reinforcement: $\phi 6 \sim \phi 50$ mm Standard Rebar
- ⊙ Positioning accuracy: 1% or ± 1 mm
- ⊙ Maximum scanning distance: 50m, with real-time scanning and recording scanning functions
- ⊙ Statistical function: at any time display the specified channel steel bar position, protective layer thickness, deviation, qualified rate
- ⊙ Fixed point retest: 1~6 times, users can set at will, retest value list
- ⊙ Scanning area grid Settings: 600*600mm or 1200*1200mm optional
- ⊙ Regional scanning: Software can splice image scanning data
- ⊙ Filter range: 0~200mm, conducive to eliminate invalid data
- ⊙ Path selection function: 1~7 Optional
- ⊙ Component type: According to the state, all component types can be selected
- ⊙ Data storage capacity: not less than 32G (SD card can be expanded)
- ⊙ Data interface: USB (can be used as a card reader)
- ⊙ Data transmission rate: 4MB/s
- ⊙ Display type: 480X320 lattice TFT LCD, touch screen, capacitor screen
- ⊙ Power supply: battery working voltage 7.1~8.4V, battery life: 24 hours
- ⊙ Protection level: IP54
- ⊙ Weight: 1.2kg
- ⊙ Size (mm) : 240*132*135
- ⊙ Relative air humidity 90%
- ⊙ The operating temperature is -10~50°C, and the storage temperature is 25~60 °C

MEASURING RANGE AND ACCURACY

Range Error Rang (mm)	Small Range (mm)	Big Range (mm)
± 1	1~80	5~80
± 2	81~120	81~120
± 4	\	121~210