

NMT - R800 Integrated Rebar Scanner

The integrated rebar detector is a portable non-destructive testing instrument, which can be used to test the construction quality of reinforced concrete structures. It can measure the position of rebar on the concrete surface; detect the thickness of the steel protective layer and the diameter of the rebar. In addition, it can also magnetize the inside of the concrete structure. The position of the body and the conductor are detected, such as the internal cable of the wall and the plumbing pipe. The pre-construction detection can effectively avoid damage to these facilities during construction and reduce accidents.



Product features

Newly upgraded wireless cloud transmission function;

- Style design, compact size, light weight, easy to carry, new upgrade wireless cloud transmission function, laser precise positioning of steel bar position
- Thickness detection mode is intuitive, showing thickness and steel spacing at the same time.
- Thickness detection mode can automatically store thickness and spacing, which greatly improves the detection efficiency.
- Waveform scanning mode shows the distribution of reinforcing bars intuitively, and it is more intuitive to detect and analyze dense reinforcing bars.
- The waveform scanning mode also shows the thickness and spacing of the rebar protective layer.
- It can detect the middle position of the two reinforcing bars, the aiming frame and the indication light, so as to facilitate drilling and coring.
- The instrument automatically stores the calibration value, realizes fast measurement and avoids the trouble of each calibration.
- Boundary-free mesh/profile scanning, the length of waveform scanning can reach 6m at a time.
- TF card storage, large capacity, intuitive and convenient transmission;
- 2.8 inch high resolution color liquid crystal screen;
- PC professional data analysis software, data processing and report generation can be easily completed.

Product Model	NMT -R800
Rebar diameter setting range (mm)	6mm~50mm
Small range	1~90mm
Large range	1~210mm
±1 (mm)	1~59mm
±2 (mm)	60~69mm
Maximum Allowable Error of Protective Layer Thickness ±4 (mm)	70~119mm
±6 (mm)	120~210mm
Applicable Scope of Diameter Estimation	6mm~32mm
Maximum error of diameter indication	Specification (+1)
Profile measurement function	Support
Mesh measurement function	Support
Waveform measurement function	Support
Probe self-calibration	Support
Host parameters	Screen size: 2.8 inch resolution: 240 x 320 Volume: 220 x 93 x 110 mm weight: 0.6 kg
Data transmission mode	TF card, wireless cloud transmission (optional)
Power supply	lithium battery
storage capacity	2000 Components*1000 Measuring Points
Working environment requirements	Temperature: -10 C to+40 C Humidity: <90% RH