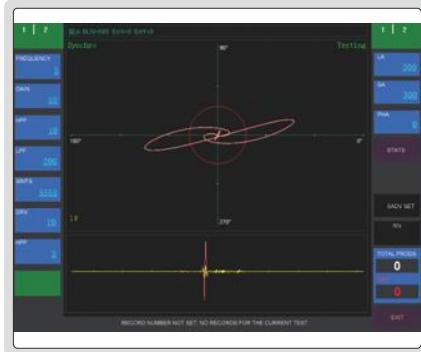
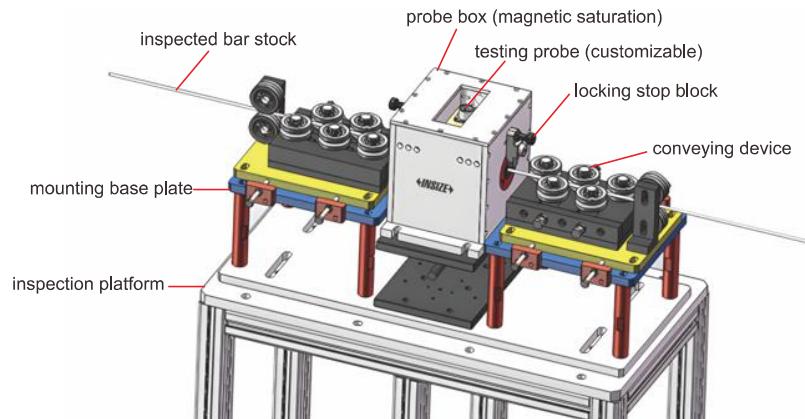


ONLINE EDDY CURRENT TESTING SYSTEM

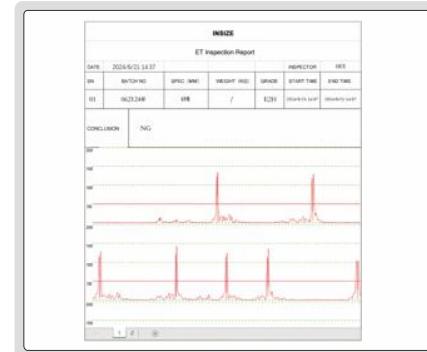
CODE ECT-WZ□□□

CUSTOMIZABLE

- Capable of high-speed data processing, with a detection speed up to 1~1200 m/min
- High-performance DSP algorithm and signal processing enable the detection of microcracks with a depth of 0.05mm
- Professional digital filtering is adopted to effectively suppress various on-site interference signals, ensuring the accuracy and stability of detection
- Equipped with a dual-frequency detection configuration analysis function, along with two time-base display modes: impedance diagram and X/Y polar coordinate
- Original non-equal amplitude phase/amplitude alarm
- Features an impedance waveform delay blanking function
- Can automatically generate eddy current testing reports
- Can store a large number of various testing programs and testing data



eddy current testing window



ET report display

SPECIFICATION

Measuring range	Ø1mm ~ Ø100mm (customizable)
Detection sensitivity	detection of $0.05 \times 0.01 \times 5\text{mm}$ ($D \times W \times L$) crack notch with signal-to-noise ratio $\geq 10\text{dB}$
Channel	1 (customizable)
Frequency range	100Hz~3.2MHz
Flaw detection speed	>0.5m/min
Gain range	23dB~82dB, 0.1dB step
Phase rotation	0~359°, 1°step
Gain ratio (Y/X)	0.1~10
Amplitude/Phase measurement	manual/automatic
Display mode	impedance/time base
High-pass filter	0~2000Hz
Low-pass filter	20~3000Hz
Impedance diagram range	5-step adjustable
Sampling rate	800~19999SPS adjustable
Probe drive	1%~100% adjustable
Start delay/end delay	1~6000m/s
Delay marking time	1~20m/s
Hardware alarm output	2
Working environment	temperature: -10~50°C, relative humidity: 20~95%
Power supply	220V, 50Hz
Dimensions (L×W×H)	1480×1190×1720mm (customizable)