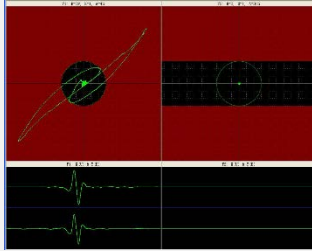


◆ 와전류 탐상 시스템 ◆

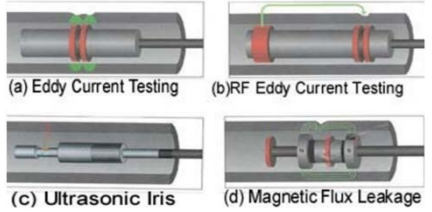
Model : ET-02

튜브 및 원주형 시험체를 검사할 수 있는 와전류 자동 탐상 시스템으로 외삽코일의 경우 1회 통과로 원주방향 전체에 대해 신호를 수집하여 100% 검사가 가능하며 검사속도가 매우 빠른 시스템입니다.



주요 특징

- 소형 경량화를 통해 무게가 2.8kg 일 정도로 가볍습니다.
- USB "on-the-go" Ethernet and SD Card 기능
- 다양한 PROBE를 수용할 수 있는 넓은 검사범위



◆ 와전류 탐상 시스템 ◆

Model : ET-02

Specification	
Testing channel	1-4, can be extended to 128 channels
Frequency range	50 Hz ~ 10 MHz, to meet various metal material testing requirements.
Gain	0 dB ~ 99 dB, continuously adjustable, the work of each file 0.5dB ste
Phase	0 ~ 359 °, continuously adjustable, continuously adjustable, precision 1 °
Gain ratio	(X/Y) 0.1 ~ 10.0
Testing speed	>300/min
Adjustable probe drive rank	1 ~ 8, the real sense multi-function
Various display	impedance, time base display
Digital Filtering	High-pass frequency (0Hz ~ 100,000Hz), Low-pass frequency (0Hz ~ 100,000Hz)
Automatic balance time	1 ~ 1000 minute
Display modes	solid line and blanking display
Blanking display coefficient	1 ~ 100
Charging power supply	110V ~ 220V

ECT 검사 조건	
Name	Metal pipe & parts
Material	Steel, Aluminum, mercury, and other non-ferrous metal
Dimensions	Dia.1~180mm for pipe
Roughness	≤3.2 , No scale, burrs, etc.
Cleanliness	No oil, iron and other surface impurities
Detection speed / beat Requirements	> 120M/min
Temperature detection site	Room temperature
Testing requirements	Detecting pipe cracking, porosity, slag and other defects
Detection accuracy	Crack : 2mm(L) x 0.1mm(D) x 0.15 (W) depending on surface condition
Control mode	Automatic OR Manual
Phase	0 ~ 359 °, continuously adjustable in step 1°, SNR≥10dB
Interference factor	0-100
Digital Filtering	High-pass frequency (0Hz ~ 2000Hz), low-pass frequency (0Hz ~ 2000Hz)
Gain ratio	(X/Y) 0.1 ~ 10.0
Filtering points	1-30000