

# ◆ 휴대용 와전류 탐상기 ◆

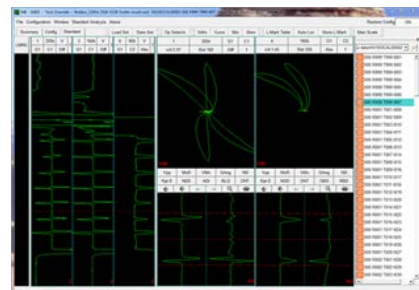
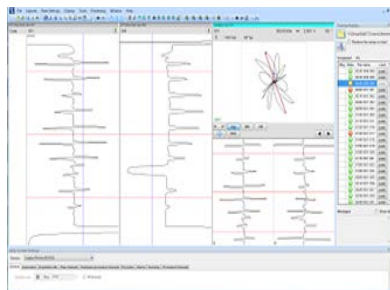
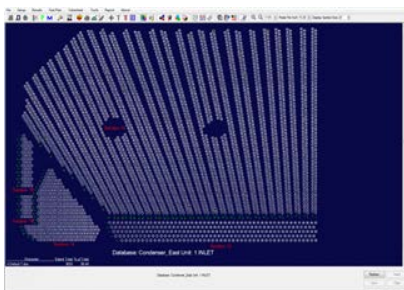
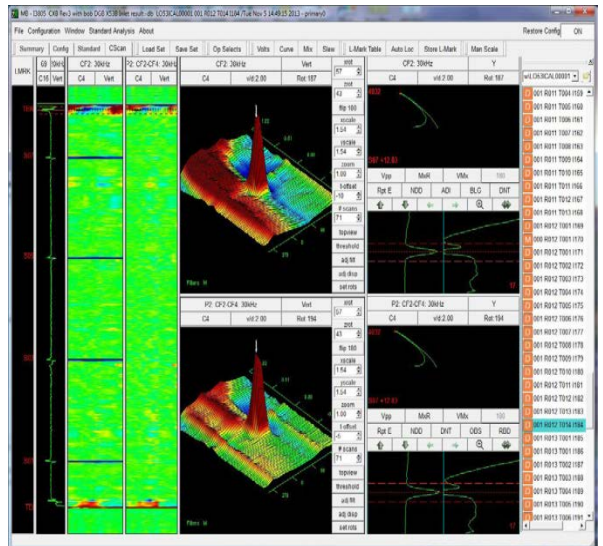
## Model : MIZ-200

MIZ-200은 휴대용 와전류 탐상 장비로 balance of plant (BOP), Power Generation Oil & Gas 등의 관 및 표면 검사에 최적화 된 장비 입니다.

또한 신호 잡음을 개선하고 검출 능력을 높여 업계 최고 수준의 신호를 보장합니다.

### 특징

- 쉽게 이동이 가능한 소형 사이즈, 충격에도 견딜 수 있는 단단한 디자인으로 먼지, 물에도 강하며 여러 환경에서 사용이 가능합니다.
- ECT, RFT, MFL, MRPC, Surface Array등 다양한 필요에 맞게 사용할 수 있습니다.
- 넓은 범위의 프로브 주파수를 제공합니다. (5Hz-4MHz)
- Velocity 및 Ultravision EC 전용 소프트웨어를 자신의 현장 필요에 맞게 선택할 수 있고 이를 통한 평가분석 및 리포트 생성이 가능 합니다.



# ◆ 휴대용 와전류 탐상기 사양서 ◆

**Model : MIZ-200**

| General Specifications                 |  |
|--|--|
| 크기                                     | 29.7cm x 10.7cm x 32.5cm   |
| 무게                                     | 배터리 장착 시 6.7kg, 배터리 탈착 시 5.8kg   |
| 배터리                                    | 약 8시간 작동, 충전 가능한 리튬이온 배터리  |
| 전압                                     | 115/230 VAC  |
| 컴퓨터 인터페이스                              | LAN 10 / 1000 Base T   |
| 작동 온도                                  | -5°C to 45°C   |
| 보관 온도                                  | -20°C to 60°C  |
| Eddy Current (ECT)                     |  |
| Probe Inputs                           | 8  |
| Number of Frequencies                  | Up to 160  |
| Frequency Range                        | 5Hz - 4MHz   |
| Generators                             | 2  |
| Coil Drivers                           | 3 (1 is for French probes only)  |
| Generator output                       | Up to 20 Volts peak-to-peak  |
| Injection modes                        | Continuos and Super-Multiplex  |
| Receiver gain                          | 23-58dB, 35dB range  |
| ADC resolution                         | 16 bits  |
| Connector                              | 36-pin circular for X-probes and MRPC probes<br>4-pin for bobbin with adapter #10038239<br>6-pin for French with adapter #009A801-00<br>Two 4-pin for AC3 with adapter #009A802-00<br>8-pin for MFL with adapter #009A804-00 |
| Low-Voltage Remote Field Testing (RFT) |  |
| Probe Inputs                           | 4  |
| Number of Frequencies                  | 5  |
| Frequency Range                        | 5Hz - 250KHz   |
| Generator/Coil Driver                  | 2  |
| Generator Output                       | Up to 20 volts peak-to-peak  |
| Injection modes                        | Continuous   |
| Receiver gain                          | 36-86dB, 50dB range  |
| ADC resolution                         | 16 bits  |
| Acquisition/sampling rate              | Up to 40,000 per second  |
| Connector                              | 19-pin circular  |

# ◆ 휴대용 와전류 탐상기 ◆

## Model : MIZ - 200

| Magnetic Flux Leakage (MFL) |   |
|-----------------------------|---|
| Probe Inputs                | 4   |
| Receiver gain               | 20-58dB, 38dB range   |
| ADC resolution              | 16 bits   |
| Acquisition/sampling rate   | Up to 40,000 per second   |
| Connector                   | 36-pin circular,<br>8-pin with adapter #009A804-00  |
| Eddy Current Array (ECA)    |   |
| Probe Inputs                | 128   |
| Probe Outputs               | 128   |
| Number of Frequencies       | Up to 160   |
| Frequency range             | 5Hz - 4MHz  |
| Generator Coil driver       | 2   |
| Generator output            | Up to 20 volts peak-to-peak   |
| Injection modes             | Continuous and Super-Multiplex  |
| Receiver Gain               | 23-58dB, 35dB range   |
| ADC resolution              | 16 bits   |
| Acquisition/sampling rate   | Up to 40,000 per second   |
| Multiplexer                 | Internal, configures MIZ-200 to match the probe coil arrangement(differential, absolute, driver-pickup, transmit-receive, differential driver-pickup) |
| Connector                   | 160-pin rectangular   |
| Motor Drive for MRPC Probes |   |
| Speed Regulation            | Regulation of probe rotating speed to provide constant speed under varying loads  |
| Output Current              | 2.7A continuous   |
| Maximum Power               | 35 Watts continuous   |
| Connector                   | 36-pin circular   |