

## Portable Eddy Current Instrument for Tubing & Surface Inspections

### FEATURES & BENEFITS

- ▶ **Portable & Rugged**
  - Compact & Lightweight
  - Sealed – tested to IP65
  - AC main & Battery powered
- ▶ **Superior Performance**
  - Improved SNR (target 5DB)
  - Fast Sampling
  - Improved POD
- ▶ **Enhanced Capability**
  - Large Element Array (64 & 128 elements)
  - X-Probe & French Probe support
  - Built-in Low Voltage RFT
  - Built-in Rotating Probe control
  - RFT Array: Absolute & Differential



Specifically designed for BOP / Power Generation and Oil & Gas applications, the MIZ<sup>®</sup>-200 comes in two models, with select options.

MODEL	MIZ <sup>®</sup> -200	MIZ <sup>®</sup> -200A 64
<b>Description</b>	Tube only	Tube + Surface Array (64)
<b>Features</b>		
Tube Array Probes (CXB/X Probe)	✓	✓
French Probes	✓	✓
Rotating Probes	✓	✓
Bobbin Probes	✓	✓
AC3 Probes	✓	✓
NFT Probes	✓	✓
HS 3D & 10D Pusher	✓	✓
RFT Low Voltage & High Voltage *	✓	✓
MFL	Option	Option
ECA Surface 64	N/A	✓
ECA Surface 128	N/A	Option

\* RFT High Voltage requires external AMP



## Portable Eddy Current Instrument for Tubing Inspections

### General Specifications

- Dimensions: 4.5"H x 14.8"L x 12.3"W
- Weight: < 15 lbs. (6.75 kg)
- Battery: +6hrs, hot swappable
- Battery Type: Lithium-ion rechargeable
- Power: 115/230 VAC and self switching
- Computer Interface: LAN 10 / 1000 Base T
- Operational Temperature: 22°F to 113°F (-5°C to 45°C)
- Storage Temperature: 4°F to 140°F (-20°C to 60°C)

### MIZ®-200 Eddy Current Instrument

- Probe Inputs: 8
- Number of Frequencies: 160
- Encoder Inputs: 2
- Frequency Range:
  - » 5 Hz to 4 MHz (8 channels)
- Sampling Rate: 40,000 Hz
- Injection Modes: multiplexed, simultaneous, continuous
- Voltage PP: 0 – 20 v
- Gain: 20-58 dB in 1 dB steps

### Probe Interface

- Rotating Probe: Single Built in Control (Constant RPM)
- X – Probe: Yes
- Surface Array Probe: 64 & 128 Elements with built in control
- AC3: Yes
- French Probes: Yes - saturation coil drive
- RFT: Low Voltage (Built-in), High Voltage (with external AMP)
- RFT Array: 8 Absolute & 8 Differential channels
- Pusher:
  - » 3D (requires power supply)
  - » 10D (requires power supply)



Zetec holds ISO 9001  
and ISO/IEC 17025  
certifications

