



## 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
  - 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.

FEATURE	MIZ <sup>®</sup> -200T	MIZ <sup>®</sup> -200A
Inspection Type	Tubing	Tubing + Surface Array
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	Option
ECA Surface 128	N/A	Option

\* RFT High Voltage requires external AMP



## Portable Eddy Current Instrument for Tubing Inspections

### General Specifications

- Dimensions: 11.7"W x 4.2"H x 12.8"D
- Weight: < 15 lbs. (6.75 kg)
- Battery: 8 hrs (typical), hot swappable
- Battery Type: Lithium-ion rechargeable
- Power: 115/230 VAC and self switching
- Computer Interface: LAN 10 / 1000 Base T
- Operational Temperature: 23°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: Up to 160
- Encoder Inputs: 2
- Frequency Range:
  - » 5 Hz to 4 MHz (8 channels)
- Sampling Rate: Up to 40,000 Hz
- Injection Modes: Continuous and Super-Multiplex
- Voltage PP: 0 – 20 v
- Gain: 23-58 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: Innovation That Delivers Results

For nearly 50 years, Zetec has advanced NDT standards and science. We provide new insight and control through inspection solutions that protect our customers' most important assets and ensure the quality of their products. By integrating design and engineering with our own manufacturing, Zetec delivers solutions that optimize productivity, safety and total cost of ownership.



Zetec holds ISO 9001  
and ISO/IEC 17025  
certifications



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