

## NEW PORTABLE EDDY CURRENT INSTRUMENT FOR TUBING & SURFACE INSPECTIONS

### Features & Benefits

- » **Portable & Rugged**
  - Compact
  - Light Weight
  - Sealed
  - AC main & Battery powered
- » **Superior Performance**
  - Improved SNR (target 6dB)
  - Fast Sampling
  - Improved POD
- » **Enhanced Capability**
  - Large Element Array (+128 elements)
  - X-Probe & French Probe support
  - Built-in Low Voltage RFT
  - Built-in Rotating Probe control
  - RFT Array: Absolute & Differential
  - Remote Control



Specifically designed for BOP / Power Generation and Oil & Gas applications, the MIZ®-200 comes in 3 models.

Market	Power Generation	Power Generation	Oil & Gas
Model	MIZ®-200	MIZ®-200A 64	MIZ®-200IR
Description	Tube only	Tube + Surface Array (64)	Tube + IRIS + MFL
Features			
Tube Array Probes (CXB/X Probe)	X	X	X
French Probes	X	X	X
Rotating Probes	X	X	X
Bobbin Probes	X	X	X
AC3 Probes	X	X	X
NFT	X	X	X
HS 3D & 10D Pusher	X	X	X
RFT Low Voltage	X	X	X
IRIS	N/A	N/A	X
RFT High Voltage	Option 1	Option 1	Option 1
MFL	Option 2	Option 2	X
ECA Surface 64	N/A	X	Option 4
ECA Surface 128	N/A	Option 3	Option 3



## New Portable Eddy Current Instrument for Tubing & Surface 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: 32°F to 113°F (0°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: 3
- 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 & Pusher Interface

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



### Quality

All work is done in accordance with Zetec Quality standards program, which complies with 10CFR50 Appendix B, ISO 9001:2008 and ISO/IEC 17025:2005.



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