## ECTANE 2

The leading multi-technology instrument for surface and tubing applications is designed to be the most versatile, reliable, and powerful EC platform on the market.

### APPLICATIONS

- **Surfaces**
  - Corrosion detection
  - Crack detection
  - Metals
  - Turbines
  - Castings
  - Etc.

- **Tubing**
  - Ferrous and non-ferrous

### TYPICAL BATTERY AUTONOMY

- 8 hours
- 6-8 hours
- 6-8 hours
- 6-8 hours

### SUPPORTED INSPECTION TECHNOLOGIES

- ECT, ECA, TECA, RFT, NFT, NFA, MFL, IRIS
- ECA, TECA, MFL and ECT
- ECT

### DATA ACQUISITION

- Up to 50,000 samples/s
- Up to 50,000 samples/s
- Up to 50,000 samples/s
- Up to 75 mm/s (3 in/s)

### SMARTMUX ECA CHANNELS

- 64, 128, 256
- 32, 64, 128

### ECT PROBE INPUTS

- 8
- 4

### ECT FREQUENCY RANGE

- 5 Hz–10 MHz
- 5 Hz–10 MHz
- 5 Hz–10 MHz

### IRIS TURBINE SPEED

- Up to 100 RPM

### NOMINAL WALL THICKNESS

- Up to 100 mm (4 in)

### LIFTOFF TOLERANCE

- Up to 300 mm (12 in)

### SETUP TECHNOLOGY

- SmartPulse

### UNDERSIZING COMPENSATION

- Compensated wall thickness (CWT) tool

### SUPPORTED WEATHER JACKETS

- Stainless steel up to 1.5 mm (0.06 in)
- Aluminum up to 1 mm (0.04 in)
- Galvanized steel up to 1 mm (0.04 in)

### SUPPORTED PART GEOMETRY

- From 25 mm (1 in) OD to flat

### AUTOMATIC REPORTING

- ✔
- ✔
- ✔

### UNIQUE FEATURES

- Multi-technology instrument
- Field proven—hundreds of units in service
- Dedicated surface inspection solution
- Portable and rugged
- Instantaneous reporting
- Shortest complete inspection time in the industry
- Accessible CUI integrity management solution
- Most powerful and easy-to-use screening system on the market

## REDDY FOR SURFACES

 Designed for rapid crack and corrosion assessment. Its easy deployment, better PoD, length and depth sizing capabilities, data recording capacity, and consistent results help replace PT and MT.

### APPLICATIONS

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  - Etc.

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### UNIQUE FEATURES

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- Portable and rugged
- Instant, automated reporting
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- Accessible CUI integrity management solution
- Most powerful and easy-to-use screening system on the market

## REDDY FOR TUBING

 Designed specifically for AC and tubing inspections, the system is compatible with all air-conditioner and ECT probes on the market. Without the need for adapters and the integrated software enables on-the-fly reporting.

### APPLICATIONS

- **Tubing**
  - Non-ferrous
  - Air conditioners
  - Chillers

### TYPICAL BATTERY AUTONOMY

- 8 hours
- 6-8 hours
- 6-8 hours
- 6-8 hours

### SUPPORTED INSPECTION TECHNOLOGIES

- ECT, ECA, TECA, RFT, NFT, NFA, MFL, IRIS
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### DATA ACQUISITION

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- Up to 50,000 samples/s
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## LYFT

 Reinventing PEC, the solution is designed for CLA and other critical applications. Often superior to radiography/stripping because it does not require access to both sides or surface preparation, and has no health hazards, making it much more cost efficient.
THE BEST EM TESTING PRODUCTS—BAR NONE

The Eddyfi product line focuses mainly on high-performance advanced electromagnetic solutions for the inspection of critical components and assets. Eddyfi products are the industry’s best performing and most reliable test instruments, critical components and assets. Eddyfi products are the advanced electromagnetic solutions for the inspection of the best EM testing products—bar none.

Eddyfi-line products constantly propel the limits of electromagnetic testing to new heights in an attempt to respond to your ever-changing inspection challenges.

**PEC**

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