

## MX-1 Ultrasonic Thickness Gauge

The MX-1 will hold a single velocity, making it the perfect choice where one material is being tested day after day. With the preset velocity in the gauge, you simply turn on the gauge and you're ready to work. The tool's backlit display is easy to read, even in dim light, and the unit operates for up to 200 hours on a single set of batteries.

The MX-1 comes complete, ready to use, and is protected by Dakota Ultrasonics 5 year limited warranty.



**Description:** MX-1 Ultrasonic Thickness Gauge

**Model Part #** [119-Z-139-0001](#)

**Kit Includes:** Gauge, transducer, couplant, manual, software, transfer cable, and carrying case

**Applications:** Corrosion & Pitting Tube & Pipe Tanks, Boilers, Glass, and a Variety of Applications

### Specifications:

#### Physical

Weight:

10 ounces

Size:

2.5 W x 4.75 H x 1.25 D inches

63.5 W x 120.7 H x 31.8 D mm

Operating Temperature:

-20 to 120F (-20 to 50C)

Case:

Extruded aluminum body / nickel plated aluminum end caps.

Resistant to impact and environmentally sealed.

Keypad

Sealed membrane that is resistant to both water and petroleum products.

Six tactile-feedback keys.

Transducer

Dual elements (transmit and receive).

1 to 10 MHz frequency range.

Locking quick disconnect Lemo connectors.

4 foot cable.

Custom transducers available for special applications.

#### Power Source

Two 1.5V alkaline or 1.2V NiCad AA cells.

Typically operates for 200 hours on alkaline and 130 hours on NiCad.

#### Display

Multi-function 4.5 digit liquid crystal display with 0.500-inch numerals, backlit for use in poor light conditions.

Measurements displayed in inches, inches/microsecond, millimeters, and meters/second.

Bar graph indicates stability or reading.

#### Software

Comes complete with cable and software to transfer the velocity to the gauge.

#### Certification

Factory calibration traceable to national standards.

#### Warranty

5 year limited.