

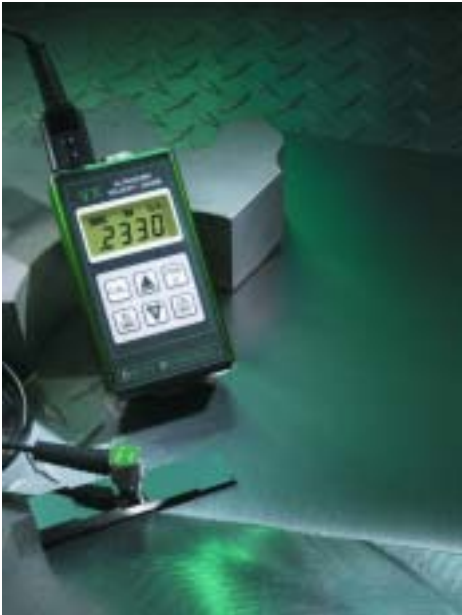
VX Ultrasonic Velocity Gauge

The VX is our velocity gauge. This gauge has the ability to determine the velocity of materials by calibrating to a known material thickness. The VX is typically used to verify material consistency, or determine a test material type.

With the hand held VX Ultrasonic Velocity gauge, you can determine material velocities by Measuring a known thickness, entering a known thickness into the VX, and the material velocity will be displayed.

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 VX comes complete, ready to use and is protected by Dakota Ultrasonics 5 year limited warranty.



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 element (transmits and
receives).

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.

Certification

Factory calibration traceable
to national standards

Warranty

5 year limited.

Measuring

Range:

Measures from 0.025 to 19.999 inches (0.63 to 199.99
millimeters) switch to select English or metric units.

Resolution:

0.001 inch (0.01 millimeter)

Velocity Range:

.0492 to .3937 in/ms (1250 to 10,000 meters/sec)

Built-in:

Stainless steel reference disk for probe zeroing.

Four readings per second for single point
measurements or 16 per second in SCAN mode.

Single and Two-point calibration option included.