

NDT INTERNATIONAL, INC.

711 S. Creek Road
West Chester, PA 19382-8013 U.S.A.

(610) 793-1700
FAX (610) 793-1702
www.ndtint.com E-mail to: info@ndtint.com

NDT-715 Hand Held Ultrasonic Thickness Gauge



The NDT-715 works on nearly all metals, as well as most ceramics, glass and many plastics. Make reliable spot measurements or scan a length of material for the thinnest point. The Scan Mode that detects and captures the minimum thickness measured during a strip scan and displays it when transducer is lifted. Calibrate to a known thickness or velocity. Can display velocity when calibrated to known thickness, (2) "AA" alkaline batteries Features include automatic "Probe Zero" function; single point or 2-point calibration to known thickness standard or to a known velocity value; easy to read LCD display with ½ inch high numerals and switchable backlight.

Standard kit includes the gauge, a ¼" diameter x 5.0 MHz dual fingertip transducer with side exiting 4 foot long cable, 4 oz. plastic bottle of ultrasonic couplant, operation manual and padded nylon carry bag with outside pocket and shoulder strap.

Specifications

Measuring (depends on transducer, material and conditions)

Range: 0.025 to 19.999 inches (0.63 to 499.99 millimeters)

Resolution: 0.001 inch (0.01 millimeter)

Accuracy: 0.001 inch (0.01 millimeter)

Sound Velocity Range: 0.0492 to 0.3930 in/μs (1250 to 10000m/s)

Keypad Sealed membrane, resistant to dust, water and petroleum products.

Physical Weight: 10 ounces

Size: 2.5W x 4.75H x 1.25D inches (63.5W x 120.7H x 31.8D mm)

Operating Temperature: -20 to +120 F (-20 to +50 C)

Case: Extruded aluminum body / nickel plated aluminum end caps

Power Two size AA 1.5 volt alkaline batteries. 200 hours typical operating time on alkaline with backlight OFF. 60 hours with light ON.