

# MULTIGAUGE 6000 DRONE THICKNESS GAUGE

## Multigauge 6000 Gauge

**Sound Velocity Range** From 1000 m/s to 8000 m/s  
(0.0394 in/ $\mu$ s to 0.3150 in/ $\mu$ s)

**Single Crystal**

**Soft Faced Probe Options** 2.25 MHz 3.5 MHz 5 MHz

**Probe Measurement Range** 3 - 250 mm (0.120" to 10")  
2 - 150 mm (0.080" to 6") 1 - 50 mm (0.040" to 2")

**Probe Sizes** 13 mm (0.5") 13 mm (0.5") 13 mm (0.5")

**Resolution** 0.1 mm (0.005") or 0.05 mm (0.002")

**Accuracy**  $\pm$  0.1 mm (0.005") or  $\pm$  0.05 mm (0.002")

**Display** Communicator software on PC or laptop

**Data Transmission** Wireless RF, 2.4 GHz.

Internationally Acceptable

**Coatings Range** Up to 6 mm (Standard Mode)\*; up to 20 mm (Coating Plus+)\*

**Power Supply** 10 Vdc - 32 Vdc. Polarity Protection

**Wireless Transmission Range** Up to 500 Metres

**Dimensions (Including switches and connectors)** 139 mm x 62 mm x 31 mm (5.47" X 2.44" X 1.22")

**Gauge Weight** 150 g (5.3 ounces)

**Probe Weight** 50 g (1.8 ounces)

**Probe Cable Weight** (1.5 m) 65 g (2.3 ounces)

**Environmental** IP65. RoHS and WEEE compliant

**Operating Temperature** -10°C to +50°C (14°F to 122°F)

**Storage Temperature** -10°C to +60°C (14°F to 140°F)

## Probe Holder

**Dimensions (Flexible Cage)** 110 mm x 82 mm  
(4.33" x 3.23")

**Weight (with 2 x 250 mm sections)** 105 g (3.7 ounces)

## Gel Dispenser

**Power Supply** 6 Vdc taken from Multigauge 6000 Drone Gauge

**Reservoir Volume** 70 ml

**Flow Rate (water)** 90 ml / min

**Pressure (water)** 9 psi

**Tubing** Silicon, 2.4 mm (0.1")



**Dimensions (Including switches and connectors)** 110 mm x 68 mm x 45 mm  
(4.33" x 2.67" x 1.77")

**Weight including 1.5 m Tubing (Empty)**  
180 g (6.35 ounces)

**Environmental** IP65. RoHS and WEEE compliant

**Operating Temperature** -10°C to +50°C  
(14°F to 122°F)

**Storage Temperature** -10°C to +60°C (14°F to 140°F)

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