

System Overview

The handheld Aeroscan takes all necessary measurements in a single scan, and can measure hole diameters from 0.1875 - 0.850" (4.76 - 21.59 mm) without having to change gages. Field calibration not required.



Technical Specifications

Measurement capabilities:

Maximum material stack thickness	1.75" (44.5 mm)
Hole diameter	0.1875 – 0.850" (4.76 – 21.59 mm)
Countersink Diameter	0.250 – 1.125" (6.35 – 28.58 mm)
Mixed material stacks of any arrangement	Aluminum, CFRP, and Titanium

Accuracy capabilities:

Countersink diameter/depth	±0.001" (±25 µm)
Diameter overall Maximum and minimum	±0.0002" (±5 µm)
Diameter repeatability	±0.0001" (±2.5 µm)
Total stack thickness	±0.005" (±127 µm)

Manufacturer

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