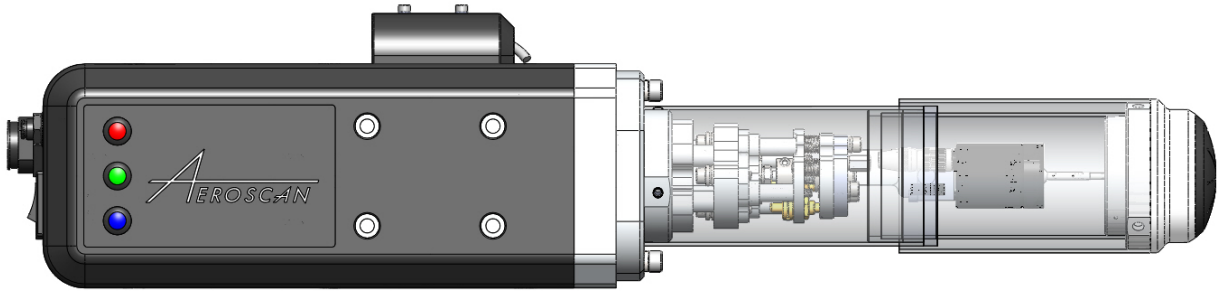




## System Overview

The automated 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. No field calibration 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

United Sciences, LLC  
2277 Peachtree RD NE, Ste. D  
Atlanta, GA 30309, USA  
+1 404-975-1847  
[www.unitedsciences.com](http://www.unitedsciences.com)

