



Proscan 3D Line

PRECISE NON-CONTACT DEFECT DETECTION AND MEASUREMENT



The Proscan 3D Line is a non-contact measuring system designed to provide precise defect detection and measurement.

With minimum operator involvement and high repeatability, the Proscan 3D Line provides a quick and simple inspection, detection and measurement of surface defects and imperfections.

BENEFITS

- repeatability
- ease of use
- full report within seconds
- flexible
- user friendly
- measurements referenced to calibration masters



Scantron are specialists in non-contact inspection, detection and measurement systems. Our capabilities include ...

- defect detection
- displacement
- flatness
- shape
- surface roughness
- thickness
- diameter
- distance
- length
- straightness
- speed
- width



DEFECT DETECTION

The Proscan 3D Line utilises a 10mm wide line sensor, capable of capturing 1 million data points each second, allowing Proscan 3D Line to identify defects as small as 2µm in height/depth with a footprint as small as 30×30µm.

SURFACE ROUGHNESS

The Proscan 3D Line can be equipped with an optional chromatic sensor to provide a surface roughness measurement of the material surface at up to 1,000 measurements per second.

SPECIFICATION

X travel	500mm
Z travel	100mm
Minimum defect area	30×30µm
Minimum defect height	2µm
Step Size	1µm to 10mm
Data Collection Rate	1,000Hz
Max. Scanning Speed	100mm/s

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