

chroma+scan 3350

HIGH DENSITY 3D PROFILER WITH COLOR VISION

The chroma+scan 3350 sensor integrates high density 3D profiles and sub-millimeter 2D color imaging to help achieve the highest value from every piece scanned. Designed for true coplanar scanning including color vision for defect detection, this sensor provides impressive data accuracy and high scan rates.

- TRUE COPLANAR MOUNTING FOR ACCURATE THICKNESS
- HIGH-DENSITY SCANNING
- SUB-MILLIMETER COLOUR IMAGE DATA FOR SMALL DETECTION



TRUE COPLANAR SCANNING

When chroma+scan 3350 sensors are both top and bottom mounted in the same vertical plane, they provide true differential thickness without being affected by board bounce. The sensor's color vision capability also detects defects at incredibly high accuracy and detail.



chroma+scan 3350 offers true coplanar scanning and color vision

HIGH DENSITY SCANNING

By collecting large amounts of profile data, the chroma+scan 3350 generates a complete 3D model and 2D color vision data of the scanned material, providing a more complete product model and better results for critical decision-making.

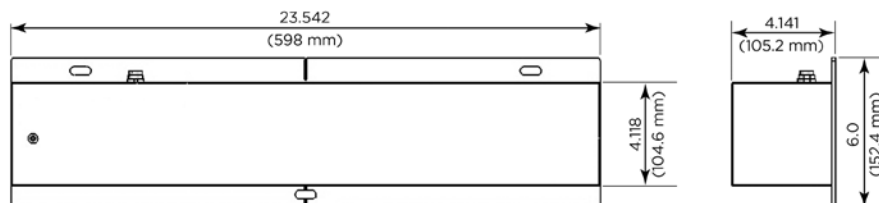
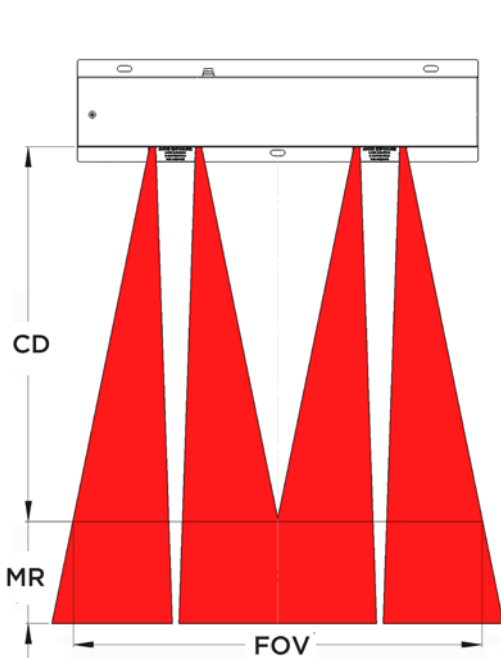
FAST SCAN RATES

Designed to produce highly accurate and reliable data, these high-performance sensors help generate optimal throughput for today's high-tech mills.

SCALABLE PLATFORM

LMI's extensible 3D scanning platform integrates multiple sensors into one 3D scanning system. A network of synchronized sensors can deliver real-time data via Gigabit Ethernet.

Model	3350
Scan Rate	2000 Hz
Resolution (Z)	0.005" (0.127 mm)
Resolution (X)	0.3" (8 mm)
Color Profile Resolution (X,Y)	0.04" x 0.02" (1.0 x 0.5 mm)
Clearance Distance (CD)	22" (550 mm)
Range (MR)	6" (150 mm)
Field of View (FOV)	24" (610 mm)
Input Voltage (Power)	+48 VDC (24 Watts)
Operating Temperature	32 to 120° F (0 to 50° C) Non-Condensing
Housing	Gasketed Aluminum Enclosure, IP67
Laser	Visible 3B Laser
Laser Safety Interlock	Yes
Interface	Gigabit Ethernet



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