

chroma+scan 3155

HIGH DENSITY 3D PROFILER

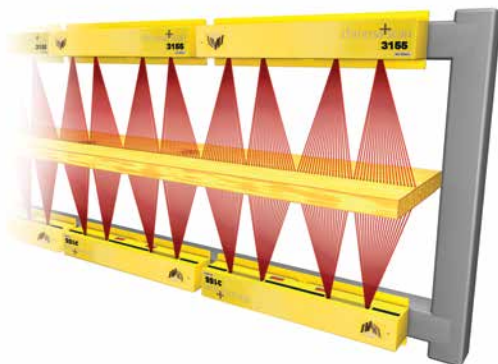
The chroma+scan 3155 sensor integrates high density profiles and fast scan rates to help optimize the value of your materials. Built for true coplanar scanning for transverse applications, this sensor delivers impressive data accuracy.

- TRUE COPLANAR MOUNTING FOR ACCURATE THICKNESS
- HIGH-DENSITY SCANNING
- FAST SCAN RATES



TRUE COPLANAR SCANNING

When chroma+scan 3155 sensors are both top and bottom mounted in the same vertical plane, they provide true differential thickness without being affected by board bounce.



chroma+scan 3155 sensors in top/bottom configuration

HIGH DENSITY SCANNING

By collecting large amounts of profile data, the chroma+scan 3155 generates a complete 3D model of the scanned material, providing better results for critical decision-making.

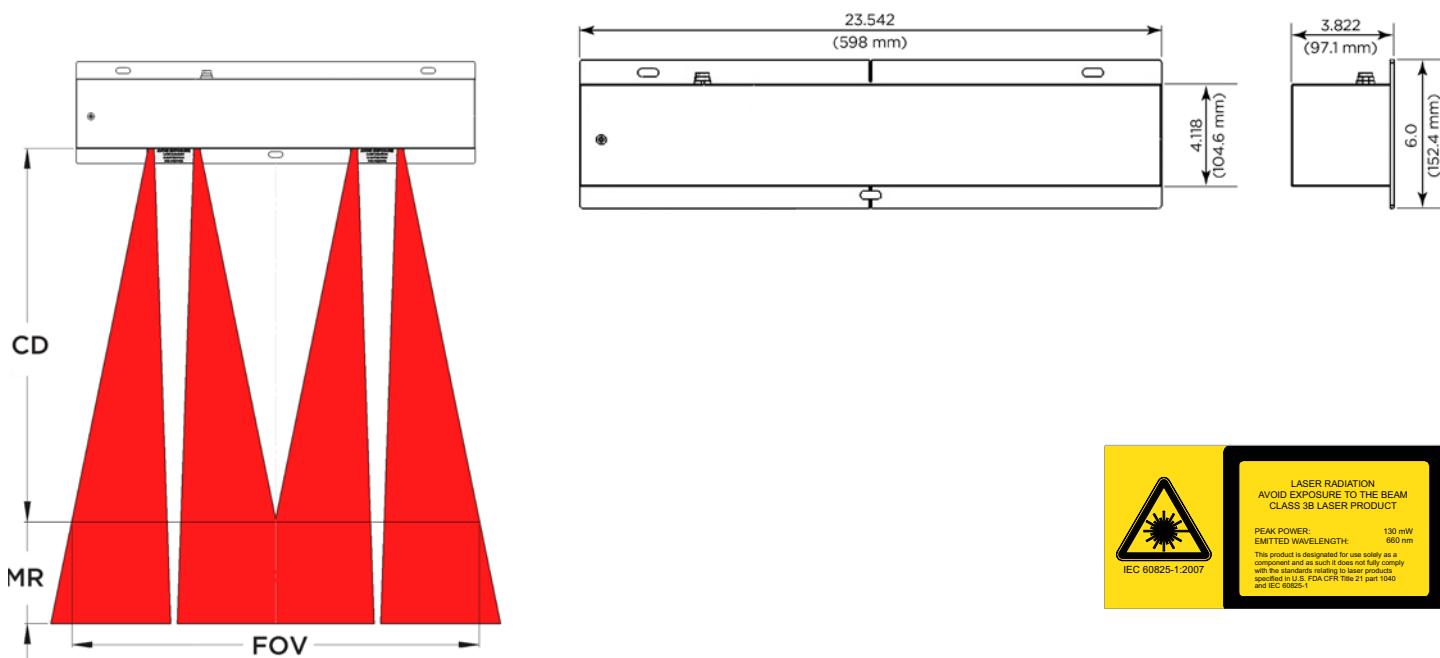
FAST SCAN RATES

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	3155
Scan Rate	2000 Hz
Resolution (Z)	0.005" (0.127 mm)
Resolution (X)	0.3" (8 mm)
Clearance Distance (CD)	20" (508 mm)
Range (MR)	8" (203 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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