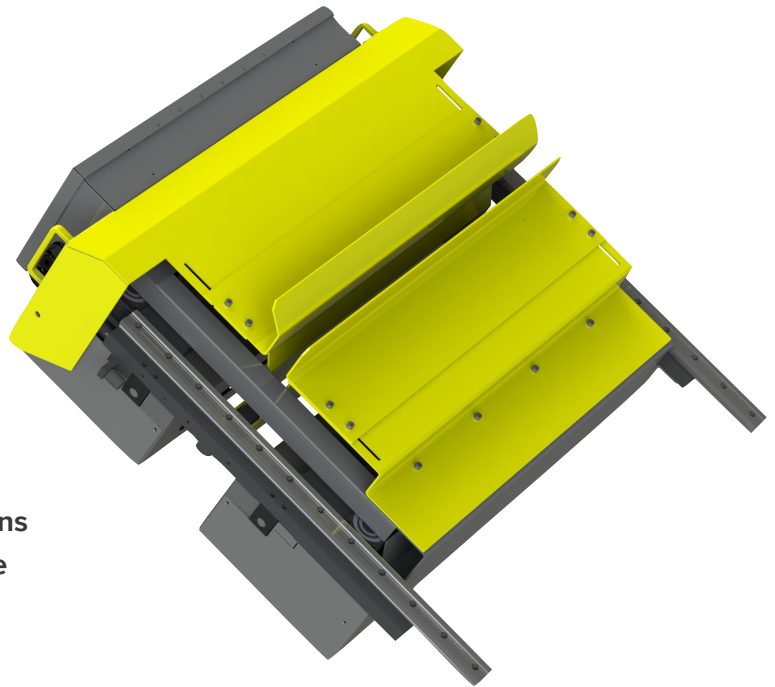


THE AUTOMATIC THICKNESS GAUGE CUSTOM-DESIGNED FOR CAST LEAD STRIP

The DMS1200 is optimized for TBS Strip casting machines. It allows you to take in-line measurements without stopping or slowing your lines.



KEY FEATURES

- Designed for shiny, irregular surfaces
- Maintains accuracy with temperature fluctuations
- Track performance of multiple strips in real-time
- Easily installed and maintained by plant staff

BENEFITS

- **Slash thickness variations** across plate profiles using traversal scanning technology
- **Prevent uneven plates** and leaning stacks
- **Achieve superior quality**, every time

ACHIEVE TRULY AUTOMATIC CONTROL

- **Self-calibrating** operation for consistently accurate readings
- **Built-in cooling** and temperature stabilization to ensure low maintenance requirements
- Performs diagnostic checks for errors or abnormalities

Co-efficient Precision Engineering Inc.
118-105 Schneider Road
Ottawa, Ontario, Canada

Phone: +1 (613) 287-0171
sales@co-efficient.com
www.co-efficient.com

FEATURES

- ✓ NON-CONTACT MEASUREMENT
- ✓ FULL STRIP PROFILE DISPLAYED (UP TO 5 STRIPS)
- ✓ CLOSED LOOP THICKNESS CONTROL MODULE
- ✓ ACTIVE THERMAL CONTROL
- ✓ REPORTS MAX, MIN AND MEAN THICKNESS
- ✓ TOUCHSCREEN DISPLAY
- ✓ DATA LOGGING CAPABILITY
- ✓ EASILY INSTALLED AND MAINTAINED
- ✓ NETWORKABLE
- ✓ REMOTE SUPPORT

TECHNICAL SPECIFICATIONS

THICKNESS MEASUREMENTS

Resolution	0.1 μ m	[0.00004 in]
Accuracy (typical)	10 μ m	[0.0004 in]
Stroke	50 cm	[20 in]
Scanning Speed	100 mm/s	[4 in/s]
Thickness Range	0 to 15 mm	[0 to 0.6 in]
Measurement Freq.	1 to 3 kHz	

WEIGHT

Sensor Assembly	50 kg	[110 lbs]
Operator Panel	10kg	[22 lbs]

ENVIRONMENTAL

Operating Temperature	10 °C to 60 °C	50 °F to 140 °F]
Humidity	< 90%	

PHYSICAL DIMENSIONS

Sensor Assembly	978 x 329 x 473 mm	.5 x 13 x 18.6 in]
Operator HMI Panel	285 x 190 x 60 mm	1.2 x 7.5 x 2.5 in]

SUPPLY REQUIREMENTS

Supply Requirements	6 A @ 110V/60 Hz	3 A @ 240 V/50 Hz
Air	Not required.	

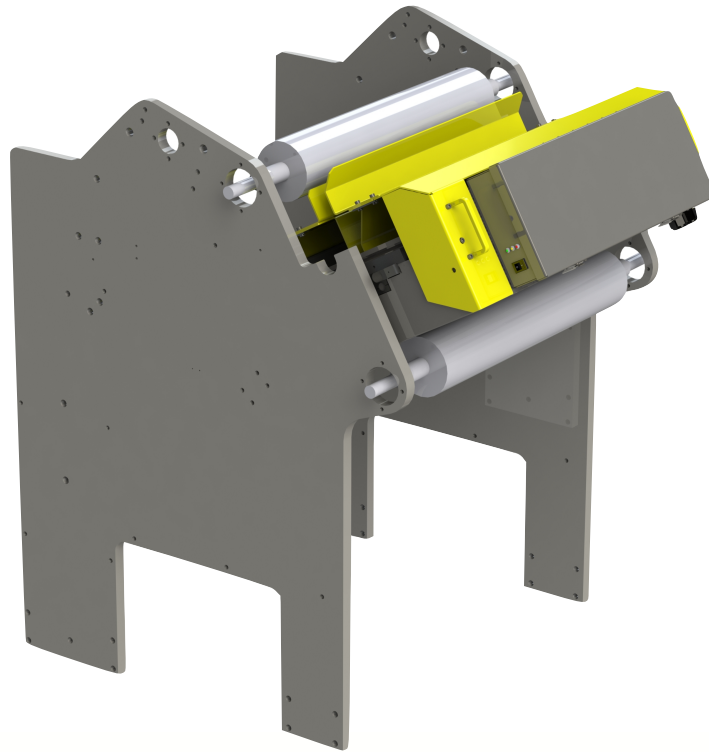
Co-efficient Precision Engineering Inc.
118-105 Schneider Road
Ottawa, Ontario, Canada

Phone: +1 (613) 287-0171
sales@co-efficient.com
www.co-efficient.com

NEW STREAMLINED DESIGN. SAME CAPABILITIES.

We've reengineered the DMS1200 to bring you the **same functionality with a more integrated design**. Here are the major changes from DMS1100 to DMS1200:

- The control electronics are now housed on the gauge. This integrated approach simplifies and protects cabling, and makes installation easier with less field wiring.
- Improved Shielding: The shielding now covers both the sensors and the scanning system. This additional protection ensures many years of performance.

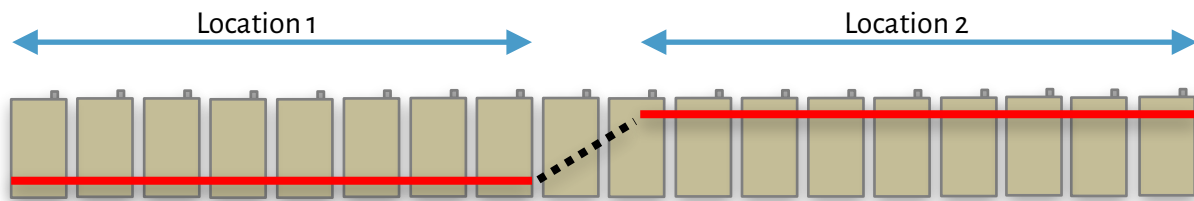


ORDER YOURS TODAY.

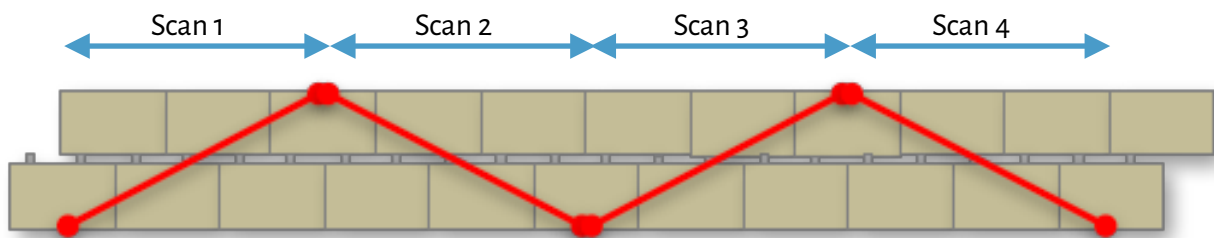
Co-efficient Precision Engineering Inc.
118-105 Schneider Road
Ottawa, Ontario, Canada

Phone: +1 (613) 287-0171
sales@co-efficient.com
www.co-efficient.com

FLEXIBLE SCANNING MODES TO CAPTURE WHAT'S NEEDED



“Gauge and Go” operating mode sets a number of transverse locations for the sensors to travel to for a defined period of time. While at each location, the sensors will continuously measure thickness. The software then reports thickness at each location and computes the side to side difference.



“Scan Capture” mode performs simultaneous strip traversal and continuous thickness measurements.

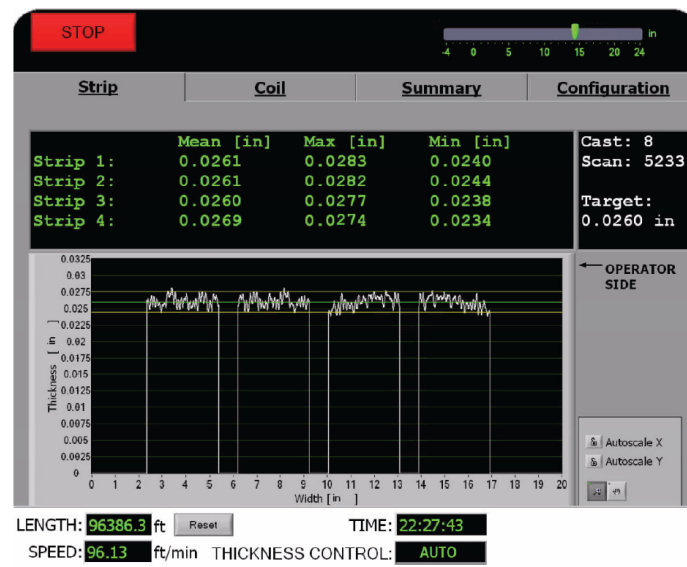
Co-efficient Precision Engineering Inc.
118-105 Schneider Road
Ottawa, Ontario, Canada

Phone: +1 (613) 287-0171
sales@co-efficient.com
www.co-efficient.com

Controls and Displays Purpose-Built for the Battery Industry

On-screen data visualizations ensure that the right data reaches line operators. The gauge display automatically connects to your existing systems to set thickness targets and key thresholds. Alarms appear on-screen with varying levels of severity (yellow tag, red tag, and flashing).

The visualizations show real-time thicknesses and run charts of multiple locations across the plates. Additional screens display cross-sectional and continuous profile thicknesses.



**Large Numerical Display,
Including Thickness Difference**



Co-efficient Precision Engineering Inc.
118-105 Schneider Road
Ottawa, Ontario, Canada

Phone: +1 (613) 287-0171
sales@co-efficient.com
www.co-efficient.com