

Session	Poster Presentation
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Enhancing Float and Container Glass Production with the AMETEK LAND LSP-HD Line Scanning System for Lehr Applications

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Biography

Philippe Kerbois, Global Industry Manager – Glass – AMETEK Land Philippe has extensive sales and project management experience from working in the steel, glass and automotive industries including Rockwell Automation and ABB where he was specifically involved in major robot-based factory automation projects. Having worked at AMETEK Land since 2012, Philippe initially managed the sales of infrared temperature measurement solutions into line builders and glass, steel furnace OEMs, now he works very closely with the global glass market and is actively promoting the award-winning Near Infrared Borescope (NIR-B) Glass thermal imaging solution including LSP-HD line scanning systems for optimisation of glass furnaces and float lines.

Abstract

Efficient temperature monitoring and control are critical for ensuring product quality and operational efficiency in glass manufacturing. This paper introduces the AMETEK LAND LSP-HD Line Scanning System, designed for precise thermal monitoring in lehr applications for both float and container glass production lines. The LSP-HD system delivers high-resolution thermal profiles, enabling real-time detection of temperature variations, rapid response to process deviations, and optimization of cooling and annealing processes.

Through detailed analysis and case studies, we demonstrate the system's capabilities in ensuring uniform temperature distribution, reducing thermal stress, and improving overall product quality. By integrating advanced infrared scanning technology with data-driven insights, the LSP-HD system offers a robust solution for modern glass manufacturing challenges, contributing to improved efficiency and sustainability.

