

Press Release

Date: February 2011
Enclosure: OM_LSV-026_App_Steel.jpg
Reference: PR-0028-FKAP-260111-LSVH

Polytec Laser Sensor for Optimum Casting Control

One of the world's leading steel companies has evaluated various alternative solutions for length measurements at a continuous caster line in cooperation with a Dutch university. The objective of the research was to obtain an alternative length measurement method which can replace the function of the measuring rollers by simultaneously overcoming their drawbacks. Most importantly, the measurements should be extremely reliable and virtually maintenance free.

The Laser Surface Velocimeter (LSV) series from Polytec was identified as the best solution since it met all the requirements set by the steel company:

- Allows very accurate measurement even at very low material speeds as are typical for continuous casters
- Allows easy integration with process control systems (level-2 systems) using Polytec's flexible interface concept
- Survives the harsh mill environment of a steel plant due to a rugged industrial housing with cooling
- Short delivery time

The new length measurement system based on Polytec's Laser Surface Velocimeter technology has now been successfully implemented with all project targets reached.

www.velocimeter.us

www.velocimeter.co.uk

Publication free of charge

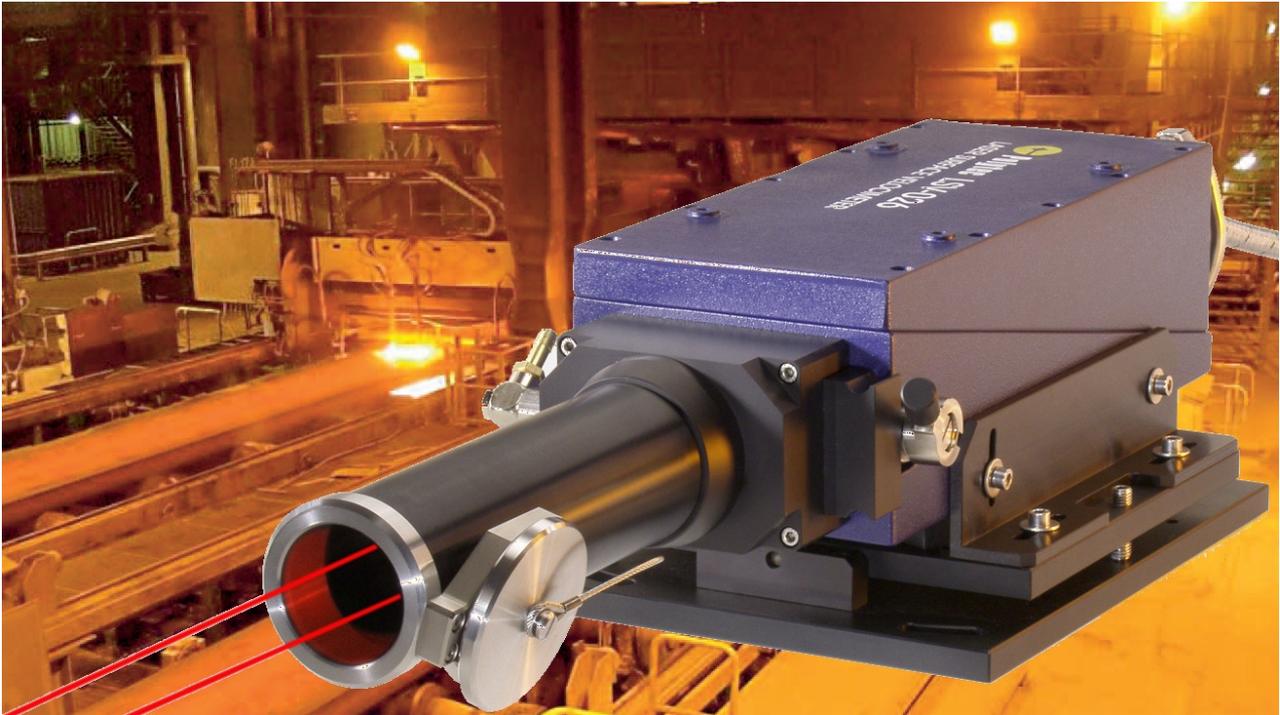
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