

Technical Data Sheet Hotmelt Measurement System

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Inspection system for a constant and top-quality hot-melt coating

The Layer Thickness Measurement System constantly measures the coating weight of the hot-melt coating. The IR scanner is mounted to a driven linear guide that moves automatically over the width of the web. The scanner is equipped with sensors so it automatically adjusts to the web width. The information about the coating weight is displayed on a monitor placed beside the coating station. The system is supplied with an HMI, displaying a coating profile with the weight of the hot-melt layer across the width of the web.

SlimTrak Scanner

The SlimTrak scanner provides fast, precise, reliable measurements of high quality and is integrated in intelligent, distributed web-measuring architecture.

The mechanical design of the SlimTrak scanner is based on an extruded box-beam construction for outstanding stiffness and measurement performance. The linear bearing system and the precision rails ensure a long service life.

Sensors

The contactless precision infrared meters provide measurements with a high resolution for coatings and laminates. These sensors use non-nuclear technology and do not require any special licences or protectors. The sensors combine high-speed measuring performance with precision to guarantee robust, reliable measurements on a fast-moving web. The selective infrared technology carries out measurements based on a fixed point or a scan layer. With a measuring speed of 7.5 milliseconds, this patented design achieves improved resolution, speed and precision.

Gap Exclusion and Pattern Recognition software

This software carries out precise measurements of the coated parts of the substrate that is fed through the machine. The software automatically excludes the non-coated parts from the measurements. It works with threshold values and does not show deviations within these values, providing the operator with reliable information. ➤



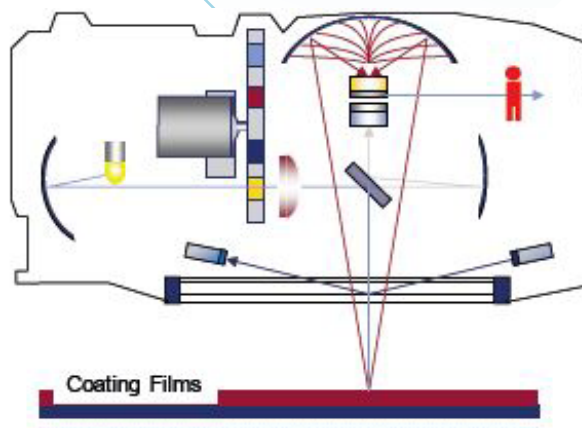
OPTIONS

An extensive selection of options is available on all our machines.

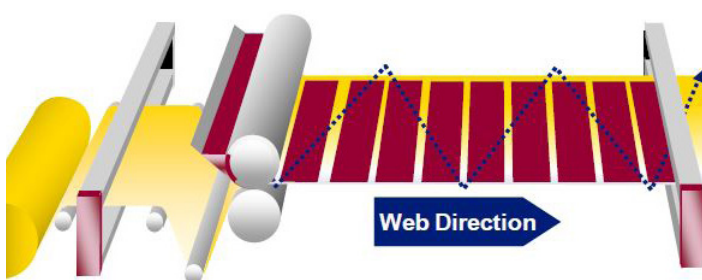
For more information, contact us so that we can configure the machine to your requirements.



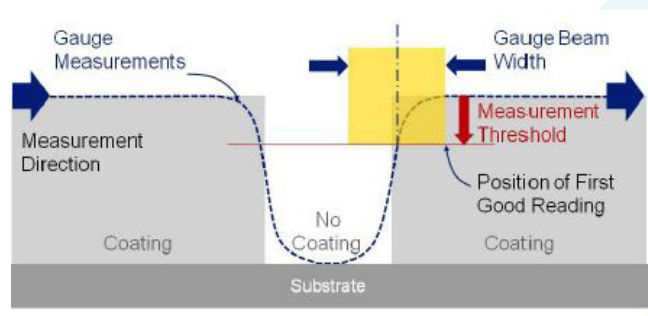
NDC sensor



Sensor operation



System operation



System operation