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## THICKNESS PROFILE MEASUREMENT – COLD

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The thickness profile measuring system is an extension of our standard thickness measuring system. These systems measure the material thickness at numerous points across the width of the strip.

The versatility of gauge design enables customised use of the strip thickness measuring system in very different production lines. These systems measure thickness cross and length profiles online without making contact with the material. Isotope or X-ray sources are used as radiation sources depending on the measurement range.

**We offer the following types of thickness cross profile measuring systems for cold strip applications:**

- ✓ Combined thickness length and cross profile measuring system (twinset, two-head)
- ✓ Multichannel centreline and cross profile measuring system
- ✓ Multichannel centreline and profile measuring system (three-head)
- ✓ Multichannel centreline, profile, and edge drop measuring system (edge drop)

**Depending on the application, we offer the following additional systems as add-ons to our thickness profile measuring systems:**

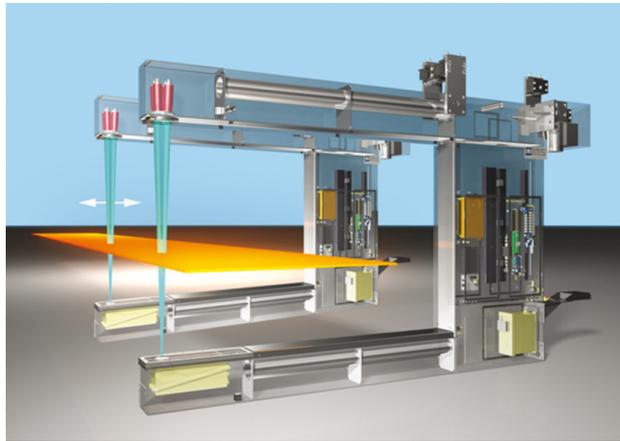
- ✓ Laser contour measuring system (Lascon)
- ✓ Width measuring system
- ✓ Hole and edge defect measuring system
- ✓ Speed and length measuring system

The measuring systems are implemented in various types and functions depending on the production site and the application in question. The following systems are used:

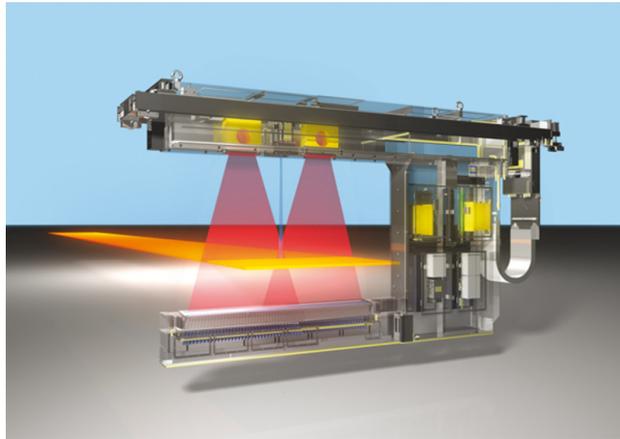


TWINSET THREE MULTICHANNEL EDGE-

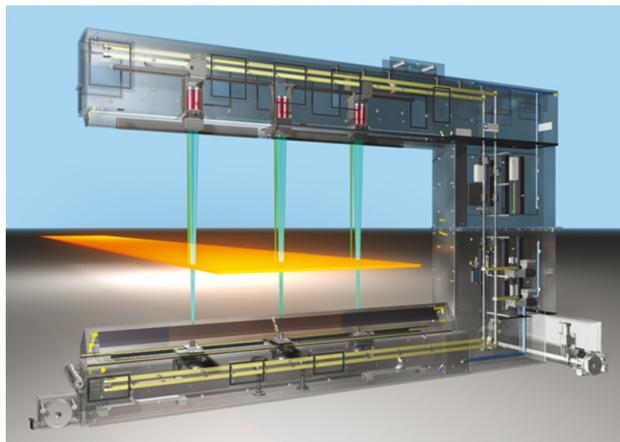
		HEAD		DROP
<b>Type of Measurement</b>	1-Point fix 1-Point scanning	3-Point 2x scanning, 1x fix	scanning, fix	traversing
<b>Parameter</b>				
Thickness	x	x	x	x
Centre Thickness	x	x	x	x
Edge Thickness		x	x	x
Thickness Profile	x	x	x	x
Wedge and Crown	x	x	x	x
Width		x	x	x
Speed(optional)	x	x	x	x
Length (optional)	x	x	x	x
Hole, Edge Cracks (optional)	x	x	x	x
Material Position		x	x	x
Material Contour		x	x	x



Twinset



Multi Channel



Three Head/Edge-Drop

## YOUR CONTACT

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*Mrs.*



*First name*

*Surname*

*E-Mail*

*Phone*

Send me more information about the product

Give me a call

*Message*

**SEND**

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## **ABOUT US**

IMS has a passion for precision and strong belief in quality. High-precision technology requires a maximum focus on quality. We have worked continuously on developing our products further and improving the qualifications of our staff ever since our company was established in 1980.

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