

## Press Release

### New CHRcodile MPS 2L Multipoint Sensor for Inline-Inspection of Container Glass at the Cold End

Neu-Isenburg, 23.8.2016. Precitec Optronik will show-case a new 24-channel chromatic-confocal multipoint sensor – the CHRcodile MPS 2L – at this year's glasstec exhibition in Dusseldorf. Two specially developed line measuring probes can be connected simultaneously to the sensor, making it particularly suitable for the inline inspection of container glass at the cold end.



The CHRcodile MPS 2L measures wall thicknesses by means of two 12.5 millimetre-long lines. Compared to single-point sensor measurement, this is a major advance that enables the extremely reliable identification of faulty or thin spots in the glass, since thickness measurement is performed on a line consisting of 12 measuring points and not simply at one single point. A high degree of lateral resolution is also achieved thanks to the sensor's narrow measuring point distance and the small measuring spot size.

The new line measuring probe has a large glass measuring range of 0.5 mm to 27 mm. Its high angular acceptance guarantees valid measurement results up to angles of  $\pm 20^\circ$ , making it ideal for quick wall thickness testing, even in the case of non-round container glass.

Only one optical fibre is required for the connection between the measuring probe and the sensor. The fibre can be up to 20 metres in length, enabling the spatial separation of both components. Like all of Precitec Optronik's measuring probes, the new line measuring probe has neither electronic nor moving parts – and this, combined with the replaceable protective window enables reliable measurements to be made, even in harsh production environments. The CHRcodile MPS 2L can perform up to 9,000 measurements per second with two line probes connected in parallel. The new line measuring system will be available from October.

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