



Applications



CHRcodile E, X, M4 – Optical Sensors
Non-contact wall thickness measurement of container glass



CHRcodile

If time matters...

Possible Applications

Further Information:
www.CHROcodile.de

- Non-contact inline & offline measurements:
 - of wall thickness (up to 37 mm) and shape (e.g. ovality)
 - on hot & cold, white & colored glass
 - in the area of engravings, shoulder and label arrays
- Fast measurements: up to 500 containers / minute

A high-precision and non-contact measurement of container glass can be made with a single probe enabled by the optical sensors *CHROcodile E*, *X* and *M4*. Non-circular articles can also be measured because of the high aperture of the probes. The sensor determines the distance from the outside to the inside as well as the thickness of the glass 14,000 times a second .



The spot diameter is only a few micrometers which enables the detection of small surface defects. Subsequent calibrations are not necessary and the probes are unaffected by the measurement process, allowing for consistent and continual use.

The sensors can be integrated directly into the production process because of their robust composition and ease of use. They are also readily incorporated into laboratory and offline-operation settings.



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