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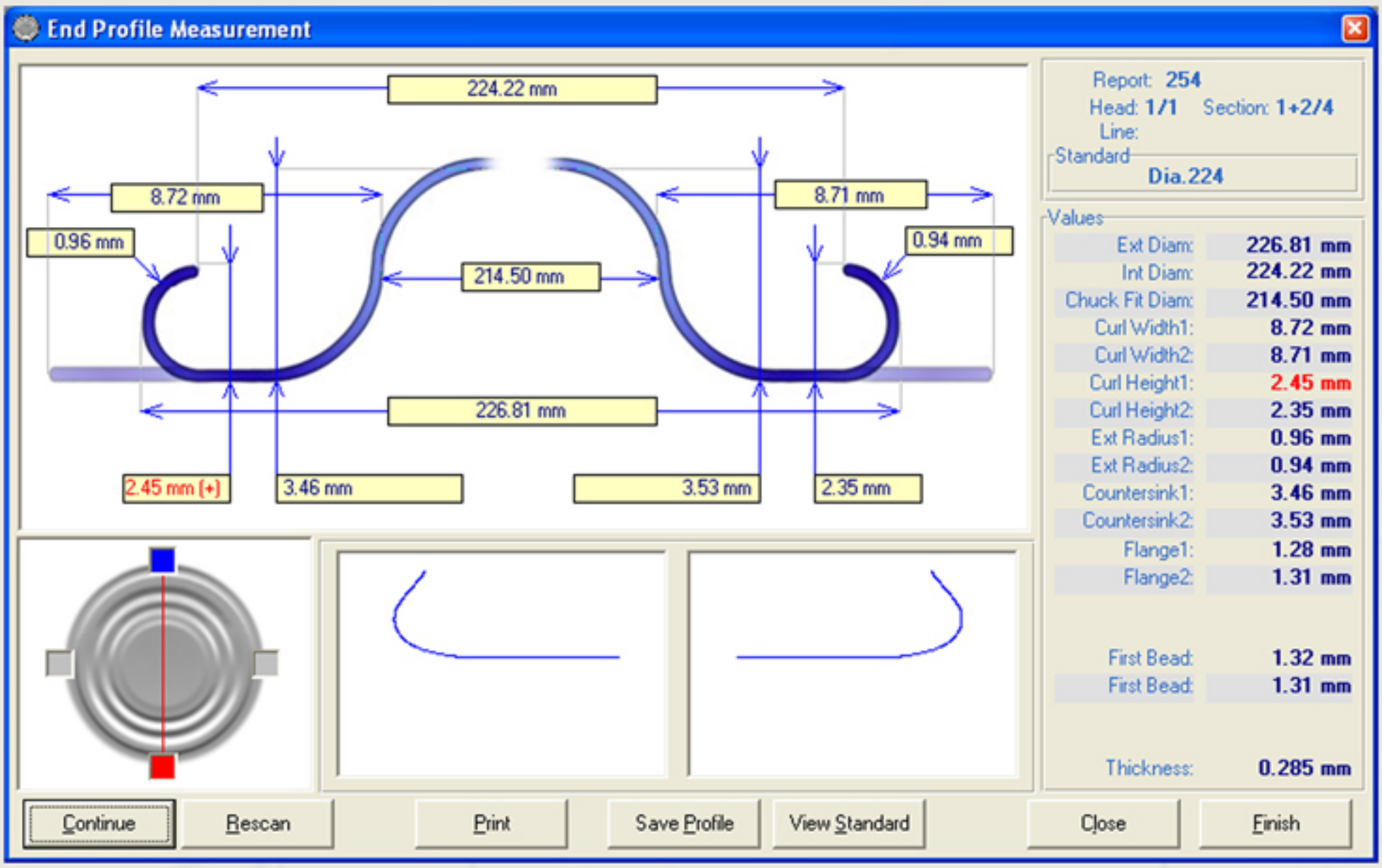
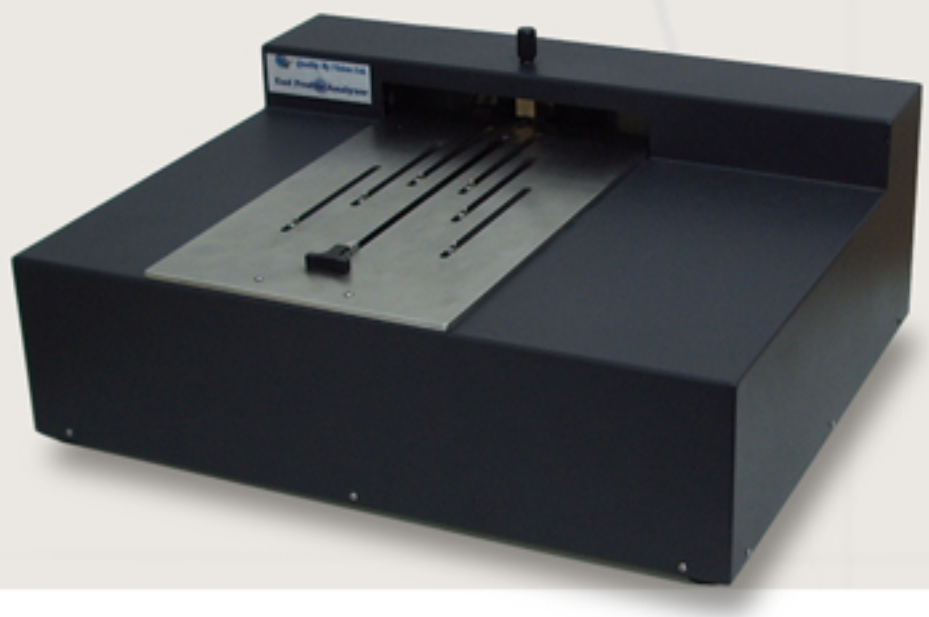
End Profile Analyzer

New: in Hi-Def !



The End Profile Analyzer uses laser profiling technology to measure sanitary can ends. The system measures the following measurement values:

- *End Thickness*
- *External diameter*
- *Internal Diameter*
- *Chuck Fit Diameter*
- *Curl Height*
- *External Curl Radius*
- *Countersink*
- *End flanges*
- *First bead*
- *Curl Length*
- ***New: Chuck wall angle (optional)***
- ***New: Countersink bottom radius (optional)***



Accurate, quick and affordable sanitary end measurement gauge

End Profile Analyzer

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Introduction

The End Profile Analyzer is a non-destructive gauge for Sanitary ends. With the reduction in end thickness and the increase in production speeds, the sanitary ends must comply with stricter standards. Ends that do not abide by these standards may not fit the chuck or even the can itself!

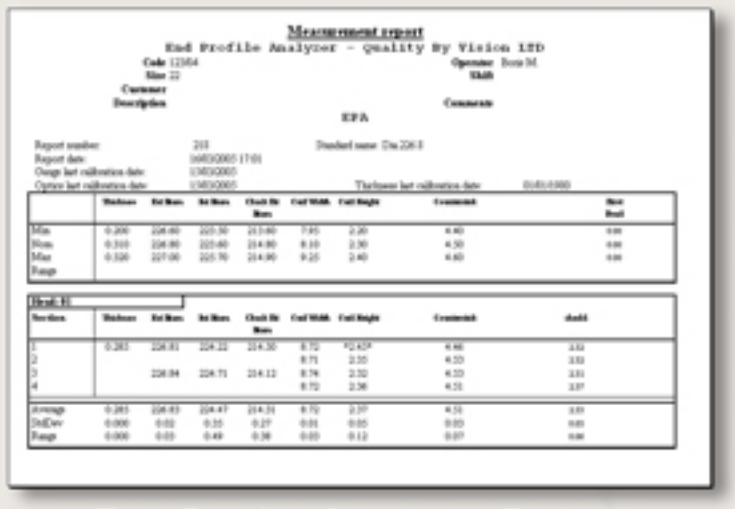
Such ends could cause severe problems during the seaming stage and produce badly seamed cans.

The End Profile Analyzer uses a combination of non-contact laser profiling and accurate mechanical gauges in order to ensure that the ends conform to specifications.

How does it work?

After measuring the end material thickness, the operator positions the end on the End Profile Analyzer unit. The operator clamps the end into position, causing it to be centered. The operator then slides the back bar so that it holds the back of the end into position.

The software analyzes the first measurement point, after which the operator rotates the end by 180 degrees and proceeds to measure the next measurement point. Each pair of data points is displayed together. Values outside of specifications will be shown in red.


Measurement report
End Profile Analyzer - quality By Vision LTD
EPA

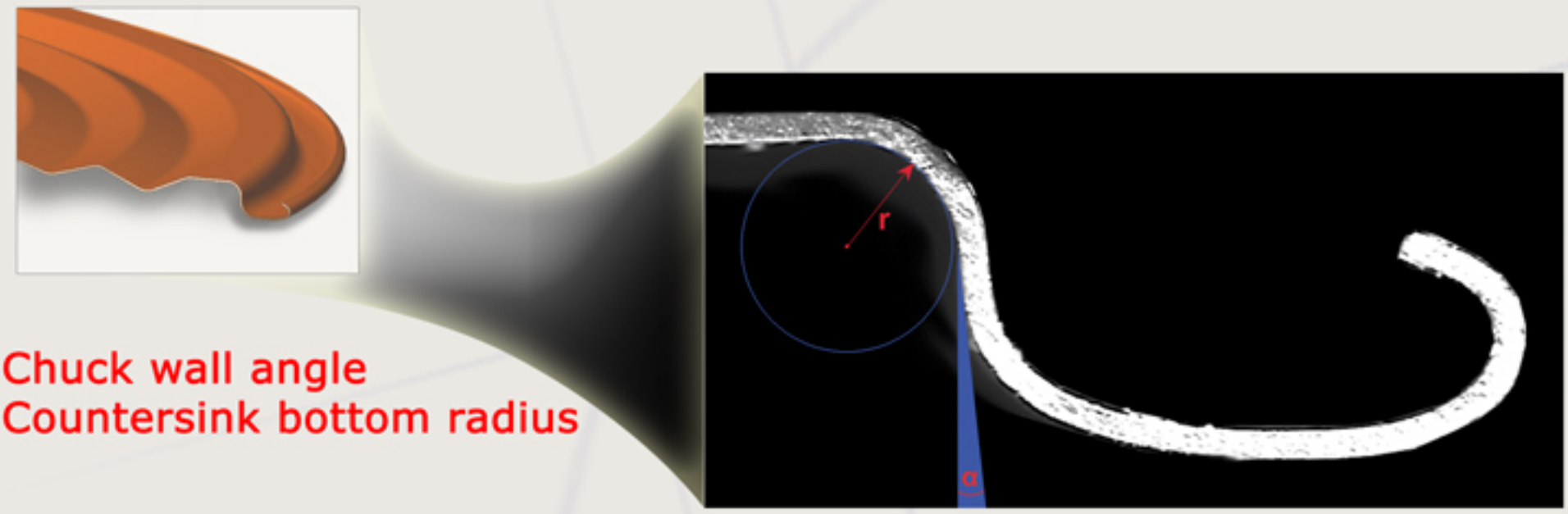
End Profile Analyzer Report

EPA Specifications

Optical resolution:	10 microns	Max countersink depth:	4.5 mm
Cover thickness resolution:	1 micron	End diameters:	48mm - 250mm
First bead max depth:	3.0 mm	End types:	Food can sanitary ends

Optional analysis

New destructive capabilities add chuck wall angle and Countersink bottom radius measurements!



Chuck wall angle
Countersink bottom radius

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