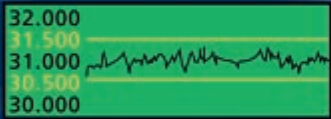


# PROFILE 360™

The Bytewise Profile360™ Profile Measurement System provides automatic, high speed, non-contact measurement for complex profiles.

On-line measurement enables immediate response to process variations caused by materials, equipment, and die problems. Profile360 can reduce customer returns and startup, run-time and assembly scrap. End-of-line measurement assures 100% compliance with quality standards.



## Key Benefits

- Reduce scrap by finding problems quickly using online measurement
- Improve customer satisfaction through increased quality and fewer returns
- Control your process more tightly and improve Cpk
- Install quickly at any line location for feedback from die set-up to end-of-line 100% quality verification
- Integrate the PC-based system seamlessly with your existing Windows-based network and data warehouse
- Produce reports for production, quality and customer requirements



# Profile Measurement System

## Applications

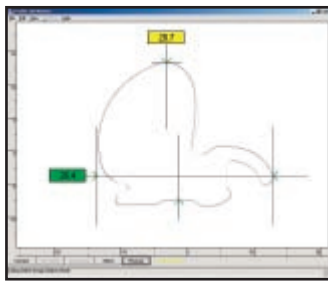


- Rubber seals & gaskets
- Metal extrusions
- Roll-form metal shapes
- Plastic extrusions
- Wire, cable, and other continuously formed products

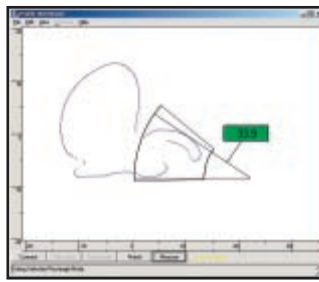
## Flexible Mounting Options



## Display Software



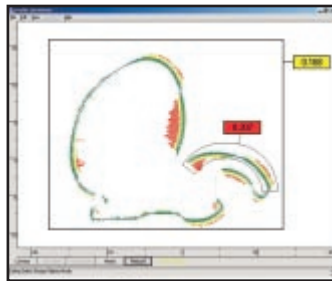
Key widths



Angles between features

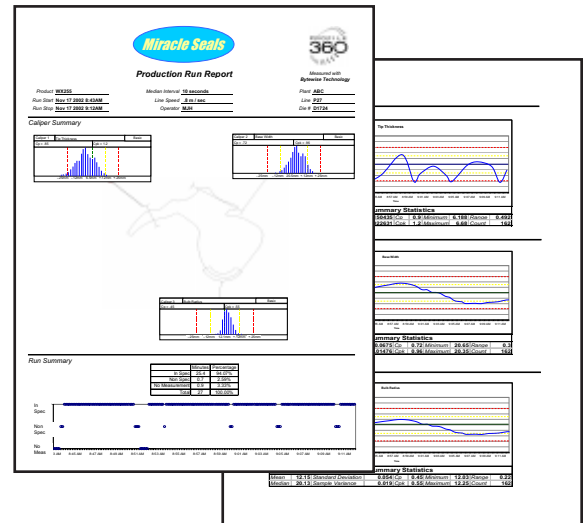


Feature radii & center point coordinates



Error vectors & average error

## Reporting Software



## Specifications

For detailed specifications please see <http://www.byteWISE.com/MarketingDownloads/Profile360DetailedSpecs.pdf>

	All <sup>4</sup>	Field of View (FoV) Diameter (mm)				Field of View (FoV) Diameter (inches)			
		25	50	75	100	1	2	3	4
Absolute Accuracy <sup>1</sup>	0.2% FoV	0.050	0.100	0.150	0.200	0.002	0.004	0.006	0.008
Relative Accuracy <sup>2</sup>	0.03% FoV	0.0075	0.0150	0.0225	0.0300	0.0003	0.0006	0.0009	0.0012
Resolution <sup>3</sup>	0.001mm / 0.00004in								
Measurement Rate	Selectable up to 5 profiles/second								
Communication Interface	Analog & Digital I/O; RS232; Ethernet								

1) Absolute Accuracy: The maximum amount of error present in any single measurement of a target located anywhere within the field of view.  
 2) Relative Accuracy: The maximum amount of error present when comparing successive measurements of a target with changing dimensions and located at a fixed position within the field of view. (This also can be considered as "accuracy in measuring product variation.")  
 3) Resolution: The smallest meaningful unit of measurement that is reported by the system.  
 4) For all specifications, measurement rate is assumed to be one update per second.



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