

## New Product Flash

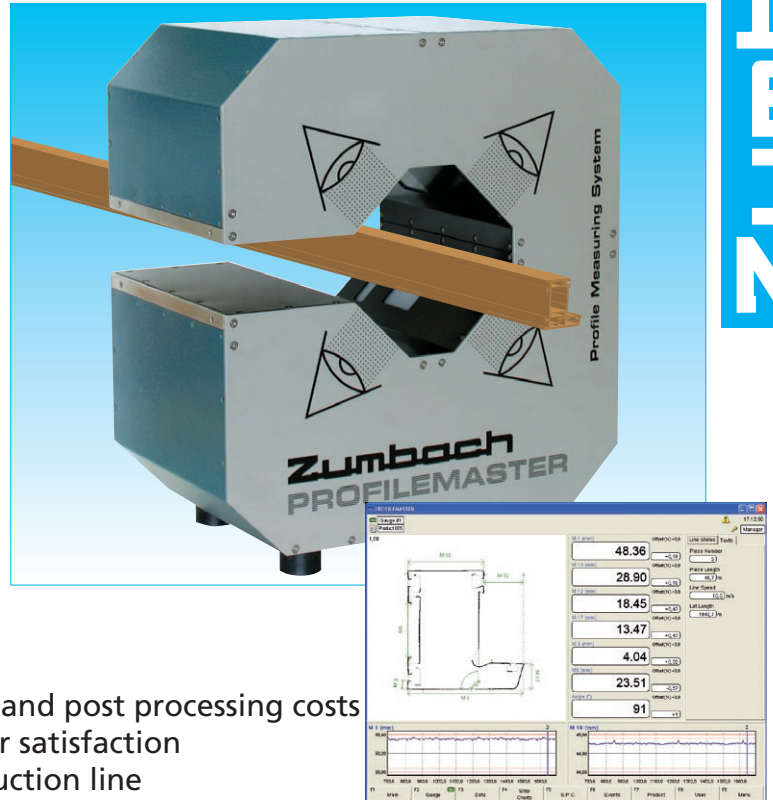
# PROFILEMASTER® PMM 80

Hi-Tech, Non-contact Profile Measurement System for In-Line and Off-Line Use.

The new PMM 80 is the latest model available in the Zumbach's PROFILEMASTER® family, enabling measurement systems with Light Section principle and Machine Vision.

With more than 50 years experience, our systems are based on the latest technology available in the industry.

The design was focused to achieve the best price / performance ratio for all profiles, tubes, cables made of plastic, rubber, metal, steel and other materials. Besides the above, the PMM 80, fulfils the demands of the market for a compact, industrial-proof and cost-effective system.



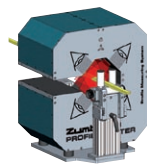
### Customer Benefits

- Improved process control and CpK
- Scrap reduction → Savings on raw material and post processing costs
- Increased product quality = Higher customer satisfaction
- Quick and easy installation in existing production line
- Seamless integration of the PC-based system with your network

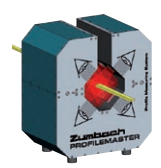
### Configurations and Accessories

The use of PROFILEMASTER systems from Zumbach is practically unlimited, due to many different models and corresponding accessories. Some examples:

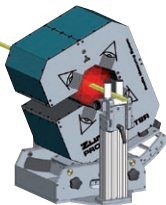
Measuring unit with optional product guides and mounting plate below the measuring unit for the installation on a floor stand.



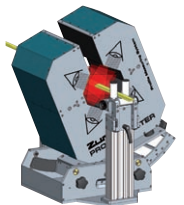
Measuring unit with product inlet from above instead of the lateral opening.



Measuring unit with product guides, mounted on an optional, adjustable support, allowing the best possible perimeter coverage.



Measuring unit with product inlet from above on an optional, adjustable support.



### Main Data

#### Measuring Unit

Measuring field	Within $\varnothing$ 80 mm (3.15 in.)
Min. product dimension	2 mm (.08 in.)
Repeatability	+/- 0.002 mm (+/- .00008 in.)
Measurement rate	Up to 5/s (option: 20/s)
Light source	VLD (Visible Laser Diode) red, class 3R
Cameras	CCD Megapixel Gigabit Ethernet
Line speed	Unlimited
Type of protection	IP 65
Dimensions (w x h x d)	440 x 520 x 280 mm (17.3 x 20.4 x 11 in.)

#### Data Acquisition and Processing System

Operating system	Windows™ XP embedded
Display	High resolution 17" TFT
Network interfaces	2 x Ethernet (1x Customer / 1x Zumbach)
Communication interfaces	Digital I/Os, relay outputs

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• Technical specifications are subject to change without notice