

## **In-Line Surface Quality Inspection with Hi-Tech and Cost-Effective System from Zumbach Electronics**

### **SIMAC<sup>®</sup> 63**

Zumbach Electronics introduces a new, ultra-modern surface inspection system. The SIMAC<sup>®</sup> 63 is the latest model available in the Zumbach's family of surface inspection using state-of-the-art image processing. The design was focused to achieve the best price / performance ratio for practically all tubes, hoses, cables and other quality products made of plastic, rubber and other materials. Additionally, the SIMAC<sup>®</sup> 63, fulfils the demands of the market for a compact, industrial-proof and cost-effective system.

As a pioneer of on-line measurement committed to extensive research and development activities, Zumbach Electronics has continuously grown as one of the world-wide leading manufacturers of on-line measuring and control systems. Top priority at Zumbach Electronics remains to be customer relationships through local presence combined with proven high quality products, services, personal consultations and support.

#### **Customer Benefits**

- Increased product quality = Higher customer satisfaction
- Easy to use, with a graphical user interface (GUI) of the latest generation
- Very compact design
- **Modular, extensible with various options**
- Bright and focused image, sees surface faults down to 100 µm
- Length related scanning and fault definition
- Seamless integration of the PC-based system with your network

#### **Main Data**

Measuring field:	63 mm
Product diameter range:	Approx. 2 – 50 mm
Product lighting:	LED
Scan rate:	Up to 35'000 scans/second
Cameras:	Line scan
Operating system:	Windows <sup>™</sup> XP embedded

*...see page 2 for pictures*

**December 2009**

*For immediate release*

*Reproduction free of charge*

*For additional information contact:*

**PR & Advertising Department**

**ZUMBACH Electronic AG**

**Switzerland (H.Q.)**

ZUMBACH Electronic AG

P.O. Box , CH-2552 Orpund

Tel.: +41 (0)32 356 04 00

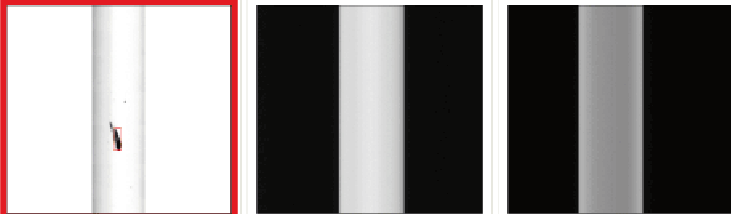
Fax: +41 (0)32 356 04 30

[www.zumbach.com](http://www.zumbach.com)

**SIMAC 63**    Inspecting    14.02.01 24.11.2009

Camera #1    Camera #2    Camera #3

4.97 in    Height 80.04 mm    17.32 in    Height 80.04 mm    17.32 in    Height 80.04 mm  
 4.92 in    Width 102.00 mm    17.26 in    Width 81.44 mm    17.36 in    Width 81.44 mm

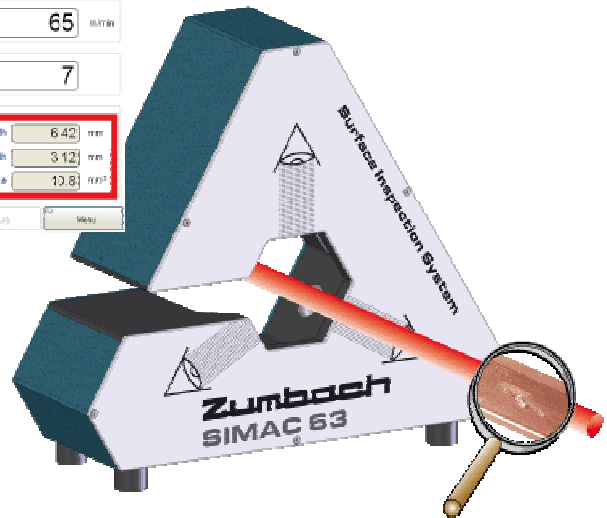


**Log**

Time	Source	Length	Value	Defect No.	Event
14.00.18	Rear	0.00			Product Information
14.00.20	Camera 2	0.10	11.0	1	Dark Inspection
14.00.20	Camera 2	0.20	3.0	2	Dark
14.00.20	Camera 2	0.30	5.1	3	Dark
14.00.20	Camera 3	0.00	0.0	4	Dark
14.00.20	Camera 2	0.00	0.0	5	Dark
14.00.20	Camera 2	0.20	4.2	6	Dark
14.01.26	Camera 1	4.52	60.8	7	Dark

Length: 17.32 in  
 Line Speed: 65 m/min  
 Total Defects: 7  
 Defect Detail:  
 Length: 6.42 mm  
 Width: 3.12 mm  
 Area: 10.8 mm²

Lock    Inspect    Print    Quit    Product    Log    Setup



SIMAC<sup>®</sup> 63 with typical display of the cameras and log of faults

**December 2009**

*For immediate release*

*Reproduction free of charge*

*For additional information contact:*

**PR & Advertising Department**

**ZUMBACH Electronic AG**

**Switzerland (H.Q.)**

**ZUMBACH Electronic AG**

**P.O. Box , CH-2552 Orpund**

**Tel.: +41 (0)32 356 04 00**

**Fax: +41 (0)32 356 04 30**

**www.zumbach.com**