

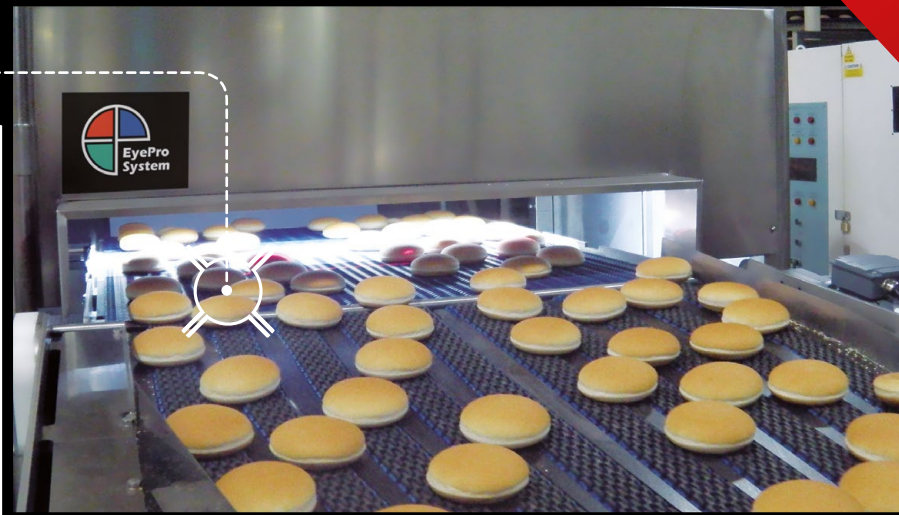
VISION TECHNOLOGY

Product Inspection and Process Control Solutions

Process Control
Product Inspection

Vision Technology is a great tool to improve the production process, increase product consistency and reduce waste.

EyePro System provides a full range of Vision Solutions specifically tailored for the Baking & Snack Industry.



VISION INSPECTION SOLUTIONS

EyePro System is the **leader in vision inspection technology for the baking industry**.

Thanks to modular hardware and software architectures, EyePro System provides a **full range of vision solutions**, on the basis of the Customer's inspection requirements.

The **number of products** inspected by our technology is constantly increasing: bring us your application and we will provide intelligent eyes for your process.

- 100% Inspection / Rejection
- On-Line Continuous Monitoring
- Off-Line Sampling Measurement



VISION BASED PROCESS CONTROL SOLUTIONS

Multiple Vision Control Stations can be used to **continuously monitor** the key product attributes [physical dimensions, color, topping conformity and many others] on **different production process steps**.

The supervision station displays **real time information** [statistics, tables, trend charts, histograms] and automatically generates warnings when the process parameters move outside the operator defined limits.



Continuous Process Monitoring



Sampling Measurements



Automatic Feedback Loops



Automated Data Collection



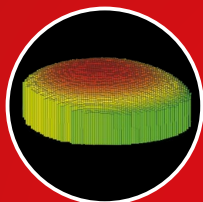
Analysis and Reporting

VISION INSPECTION & MEASUREMENT CAPABILITIES



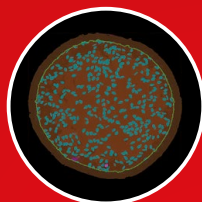
2D-SHAPE

Diameters, length, width, roundness



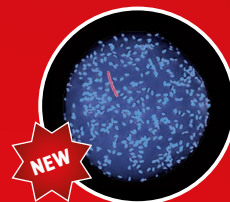
3D-HEIGHT

Peak height, slope/symmetry



TRUE COLOR Top & Bottom

Bake color, topping conformity, spot detection



MULTI-EYE Hyperspectral

Advanced foreign body detection
Moisture distribution
Product composition analysis



AUTOMATIC REJECTION

of Defective Products

STATISTICAL ANALYSIS & REAL-TIME INFORMATION



REAL-TIME DATA
AND STATISTICS
DISPLAY

INTERFACE WITH
MES AND SCADA
SYSTEMS



WEB-BASED
STATISTICAL
ANALYSIS

AD-HOC REPORT
GENERATION
IN MULTIPLE
FORMATS
[Pdf, Excel, Raw Data]

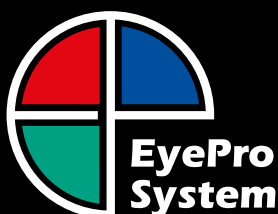


REAL-TIME
PROCESS
MONITORING
DASHBOARDS



SOLUTIONS DESIGNED AROUND YOUR PRODUCTS

- **Easy to integrate** into the production line
- **Product-Specific Vision Software** [measurements and defect detection algorithms]
- **Product-Specific Rejection Mechanism**
- **Leading-edge** commercially available vision and automation components
- **Stainless-steel** mechanical frame
- **Hygienic design**
- FDA compliant **CLASS 1 Laser Product** [IEC-60825-1 and FDA CFR 21]
- **Wash-down** configuration [option]
- **Metal Detector integration** with dual stage rejection mechanism [option]
- **In-Line Checkweigher integration** [option]



www.eyeprosystem.com

EyePro System. Intelligent eyes for your process.

EyePro System S.r.l.
Via R. Guardini, 24
I-38121 TRENTO, ITALY
Phone +39 0461 402 148
Fax +39 0461 421 332
sales@eyeprosystem.com

EyePro System USA, Inc.
8770 West Bryn Mawr Ave,
Suite 1300
Chicago, IL 60631, USA
Phone: +1 773 867 8680
sales@eyeprosystem.com