



# **BAKEMETER**

Stand-alone device for offline quality control of baked goods

### Highlights/Details

- Captures product in 3D, color and NIR
- Calculates product parameters such as dimensions, volume, baking color, porosity, and gloss.
- Parameters and product images are stored permanently for visualization and analysis.
- Resolution 0.18 mm
- Max. product size
  LxWxH = 700 x 365 x 190 mm
- Dimensions of the device:
  LxWxH = 800 x 460 x 765 mm
- Weight 28 kg



# **INLINER**

# Inline quality control of baked goods

## Highlights/Details

- Detection of 3D shape and color (RGB and NIR) of the products on the conveyor
- Calculation of height, volume, diameter, color, gloss and other product parameters using the integrated machine learning module
- Resolution 0.2 mm
- Sorting out products that are outside the specifi ed tolerances
- High throughput: conveyor belt speed of up to 30 m/min with a scan width of up to 100 cm per scanner



# N1 scanner technology

Patented multispectral 3D scanner technology

for all our products

• N1 scanner combines 3D. RGB and NIR measurement and data processing in one device

· Smooth integration into existing production lines

· Highest precision thanks to the laser triangulation process

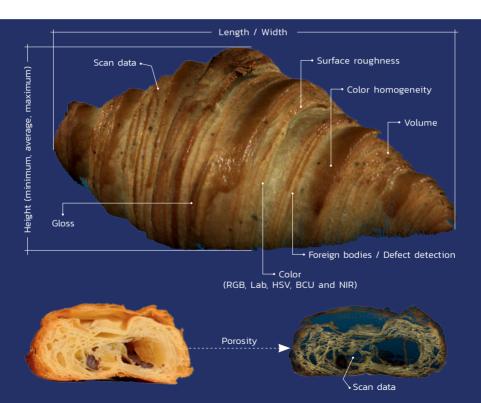
### **Highlights**

- Powerful
- Robust and precise
- Fast
- Flexible
- Cost-efficient



# **Analysis**

# Time to automate





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