

WE catch THEM ALL

with **sherlock**
food analyser



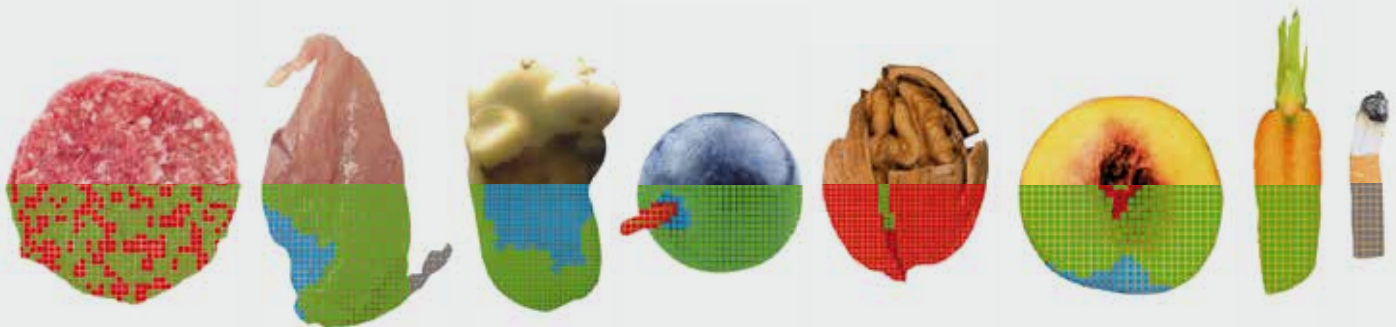
*Want seamless quality control for incoming and outgoing goods?
Or in-line production process control? Then the Sherlock Food Analyser's
in-line analysis is just what you need.*

FOOD ANALYSER

Thanks to its Chemical Imaging Technology (**CIT**®), the Sherlock Food Analyser is able to analyze and react to the chemical composition of your products in-line and in real time. Important information such as dry matter, fat content, sugar content and the ripeness of foodstuffs no longer requires elaborate lab work on samples, but can be obtained easily and without the need for any delay.

Additional sensors, such as high-resolution color cameras ensure you have complete information. (e.g. color defects, shape recognition, size measurements and much more). All information feeds in to a model that enables a wide range of automated food production control processes, depending on how the system is used. The Food Analyser Function can also be installed on every Sherlock sorting system with simultaneous discard function for unwanted objects.

APPLICATION EXAMPLES



- Measurement of macrochemical parameters (e. g. dry matter, fat content, rancidity, bitter almond content, sugar content ...)
- Defect monitoring
- Detection of foreign bodies
- Size measurement
- Shape Recognition
- Monitoring of ripeness
- Industry 4.0 data preparation in database
- Remote access
- Sensor object-fusion

YOUR ADVANTAGES

- significantly improved overview of the existing quality of the raw material;
- optimised purchasing of raw materials;
- supplier development;
- optimised use of raw materials and thus reduction of the raw material costs;
- optimised process and thus reduction of costs for energy, maintenance and human resources as well as other production costs;
- optimised energy efficiency within the process;
- reduction of internal locks and quality related complaints, which helps to lead up to "zero defect production"
- permanent monitoring of the product relevant real-time parameters



**CHEMICAL
IMAGING
TECHNOLOGY**

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