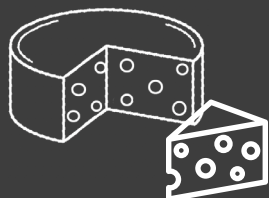


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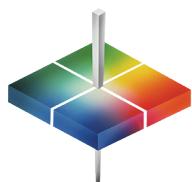


Aeros®

Pat. #US 10,352,767 B2

for...

BLOCK CHEESE



HunterLab

With new innovative SMART features like Auto Height Positioning, a rotating sample platform providing the largest sample area measurement in the world, large touch-screen display, and smart communications, the innovative Aeros® is the best way for you to measure the color of block cheese.

Aeros® combines patented non-contact measurement methodology with Auto Height Positioning, a rotating sample platform, and embedded EasyMatch® Essentials -our exclusive on-board color quality control software that offers all the color indices and metrics you need including CIE L*a*b*, CIE LCh, Hunter L,a,b and more.



Non-contact measurement eliminates and reduces sample cleanup time



Smart Sensor Technology with Automatic Height Positioning



Rotating sample platform provides the world's largest measurement area



Smart user interface and data management



Embedded EasyMatch® Essentials software – no PC required

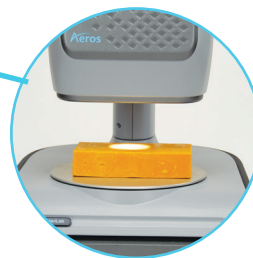
measure
color
the way your
eye sees it

The Best Solution for Color Measurement of Block Cheese



Non-contact color measurement

Aeros® measures block cheese without touching them, simplifying sample presentation and eliminating possible contamination of either sensor or sample through contact. An added benefit is that sample clean-up time is significantly reduced.



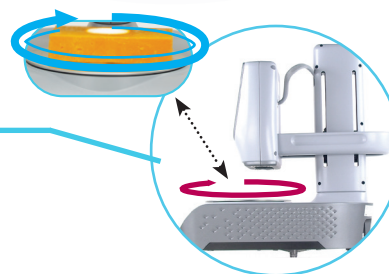
The world's only Smart Sensor Technology

The Smart Sensor Technology with Automatic Height Positioning simplifies operator involvement by determining the distance between the sensor and sample, and automatically adjusting for optimal measurement.



Dynamic rotating sample platform provides the world's largest measurement area

Simply place the sample and hit measure - samples automatically rotate beneath the smart sensor - 5 seconds, 35 measurements, 27.5 square inches of sample.



Smart user interface and data management

View measurement results and color graphics on the 7-inch 1280x800 capacitive industrial touchscreen, and easily communicate data where it needs to go via USB, USB on-the-go, Ethernet, and built-in email.



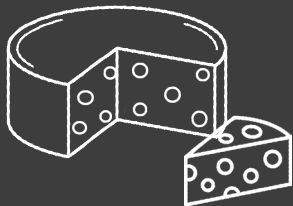
Embedded EasyMatch® Essentials software – no PC required

The onboard EasyMatch® Essentials software is intuitive and easy to navigate. It offers applications to streamline production, allowing users to create their own workspaces to meet their specific application workflow needs. EasyMatch® Essentials comes preloaded with most standard reflectance scales and indices widely used in industry.

Keys for the successful measurement of Block Cheese



Out of the box, Aeros® includes everything needed to be successful measuring block cheese including two Sample Trays measuring 30.5 cm (12 in) Dia x 2.54 cm (1 in) Depth and 15.2 cm (6 in) Dia x 2.54 cm (1 in) Depth, along with Aeros® Quick Start Guide and USB flash drive.



MiniScan® EZ

for...

BLOCK CHEESE



Color is an important quality parameter for cheese that influences consumers' buying decisions, and for on-the-go color measurement of block cheese, there is no better choice than the portability of the MiniScan® EZ 4500.

The MiniScan® EZ 4500 has a large, easy-to-read display, is light weight with a rubberized handle for operator comfort, and ergonomically designed for one-handed operation and thumb-tip navigation of display functions. The onboard software includes most major industrial reflectance color scales and indices, stores 100 standards and 800 sample measurements, and can average up to 20 sample readings. MiniScan® EZ 4500 allows manufactures to easily and accurately evaluate the quality of their products.

The MiniScan® EZ 4500 is compatible with HunterLab's EasyMatch® QC software and can be connected to a printer if hard copy data is desired.



**Color measurement
on-the-go**



**Easy one-handed operation
reduces operator fatigue**



**45°/0° geometry measures color
the way the eye sees color**



**Large, easy-to-read LCD
graphical display**



**Onboard software includes
most commonly used color
scales and indices**



measure
color
the way your
eye sees it

The Best Solution for Color Measurement of Block Cheese



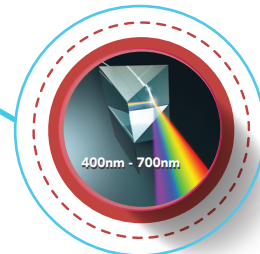
Small and rugged – designed for portability

Providing operator ease-of-use, the lightweight MiniScan® EZ 4500 is ergonomically designed for one-handed operation, with thumb-tip navigation of all display functions, reducing operator fatigue and preventing sample reading errors. The MiniScan® EZ 4500 even provides a rubberized handle for increased grip and comfort. Its LCD display screen can be configured with four separate rotation choices: 0°, 90°, 180°, and 270°.



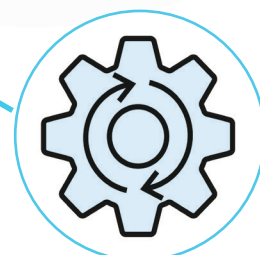
45°/0° measurement geometry and choice of large or small sample viewing area

MiniScan® EZ 4500 measures in the visible spectrum (400nm-700nm) and uses 45°/0° geometry and either a large 20mm sample viewing area (4500L) or a small 8 mm sample viewing area (4500S) for the most accurate and consistent color measurement of block cheese.



Onboard software includes everything needed for block cheese color measurements

The onboard MiniScan® EZ 4500 software includes all common color industrial scales and indices, CIE L*a*b*, CIE LCh, Hunter L,a,b and more. Store 100 product set-ups and up to 800 sample measurements including standards values and pass/fail tolerances. View color data, color difference data, spectral data, spectral data difference, spectral plot, and spectral difference plot on the large easy to read LCD graphical display.



Connect to a printer or download data PC software

Connecting to a USB printer allows hard copies of measurement data to be printed, or download measurement data to HunterLab EasyMatch® QC PC software to collect, display and analyze your color data.



Keys for the successful measurement of Block Cheese



MiniScan® EZ 4500 comes ready to measure out of the box, and includes NiMH batteries, Battery charger, Calibrated instrument white tile, Certificate of traceability, Black glass, Green diagnostic tile, Dust cover, Carrying case, USB flash drive, and MiniScan® EZ Users guide

Optional Accessories



D02-1014-427

45°/0°LAV Nose Cone with Screw on Polycarbonate Port



A13-1014-294

USB Flexible Keyboard



A13-1014-259

USB Thermal Printer



EZMQC

EasyMatch® QC Software