

SnapQC™

MONTROSE
TECHNOLOGIES INC.

Vision in baking since 1998.

Are you looking for a fast way to measure
product quality?

Do you want an
affordable lab system
that will automatically
measure product of
any size?



Grade your product
with **accurate,**
repeatable, and
reliable
measurements

Measure **size, shape, color,** and
weight
in a SNAP

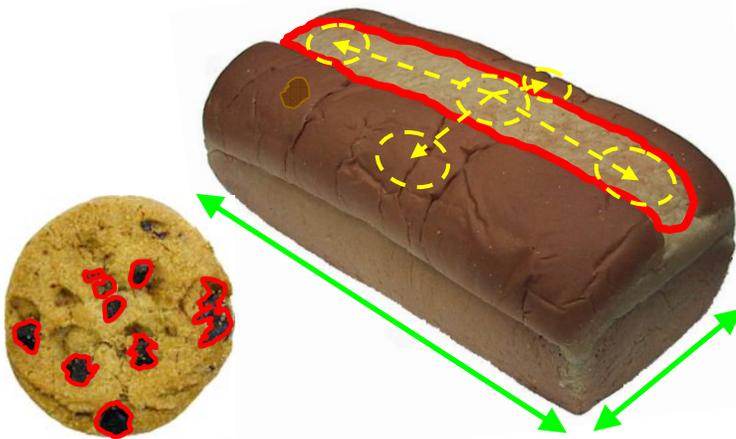


SnapQC™ Measurement Tool

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The complete, stand-alone SnapQC™ system uses a high-speed, non-contact imaging method to capture a wide range of object information such as color, height, diameter, slope, symmetry, length and volume. Data is stored in a database for historic reporting and trending to help with managing critical plant processes, maintaining optimum quality levels, and QC reporting.

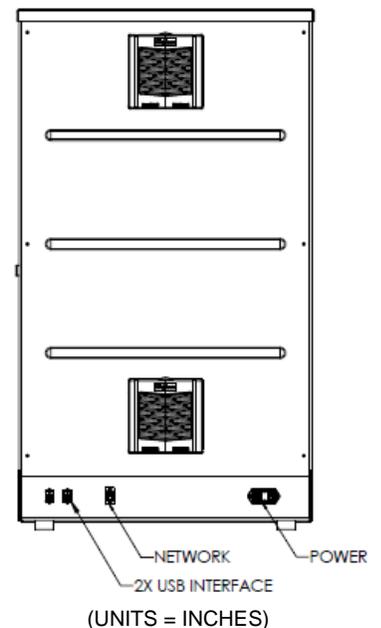
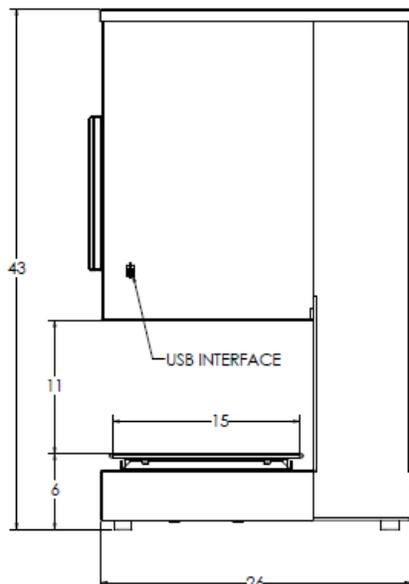
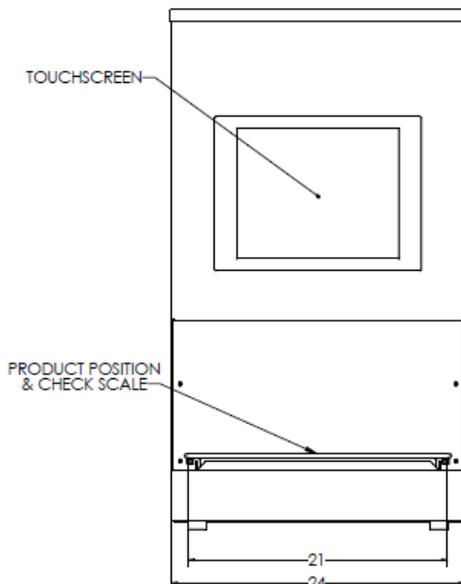
The SnapQC™ System is typically installed in a laboratory or office setting, where one or more products are manually placed on the vision table for inspection. Instantaneous results are displayed on the built-in touchscreen. Operators can view individual graphical and numerical results, accompanied by the product image. Data and images are automatically archived to a database for further analysis and report generation.



For use in a dry production environment a NEMA12 version of the SnapQC™ is also available.

Key Benefits:

- Physical measurement of a product's 2D, 3D, color, and weight characteristics
- Set on bench, plug it in, ready to use
- Pre-configured measurement setup for the products you make
- Win 7 Inspection Software, with image and data display
- Full data and image storage, including automatic linking of multiple views of the same sample. (Such as top, split, and/or bottom.)
- Easy to calibrate and operate
- USB and Ethernet interfaces
- Performs a wide variety of measurements including:
 - Diameter, Length, Width
 - Surface area, Volume
 - Height, Slopes
 - Bake Color (excluding topping, split)
 - Topping (Color, Coverage, Count)
 - Blob analysis (height and color)
 - Measure color in dbu, BCU, and/or L*a*b units
- Ability to measure multiple products at once and tens of products/minute

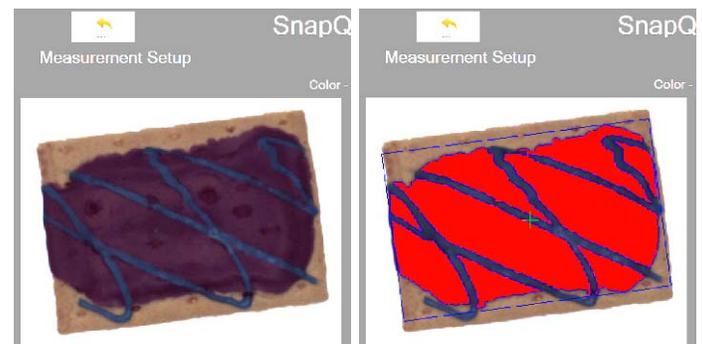
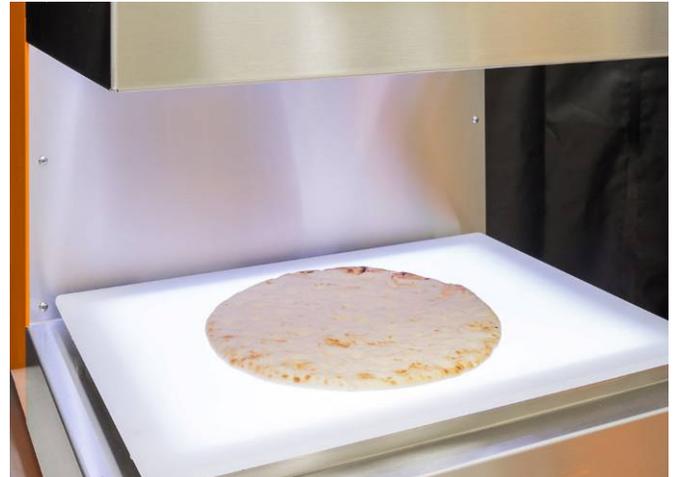


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Why should you consider the SnapQC™?

- System price as low as \$20K
- Easy to install and operate
- Rapid payback through:
 - Lower labor costs
 - Increased reliability and consistency
 - Time savings
 - Trusted results
- Inspection of product from multiple locations: pre/post-proofer, raw dough, pre/post-oven, pre/post-enrobing, pre/post-packaging
- Versatile measurement capability:
 - Baked goods:
 - raw dough
 - bread loaves, buns, bagels, English muffins - sliced and unsliced
 - sub buns and hoagies
 - cookies and crackers
 - pizza crusts, tortillas and flatbreads
 - croissants, cakes and donuts
 - snack foods and toaster pastries
 - fresh and frozen foods such as waffles, pizzas
 - Packaged breakfasts and dinners
 - Chocolate, snack, energy and enrobed bars
 - Meat and Poultry
- Can measure the weight, color, size and shape of any product up to 16" long
- Easily keeps detailed records of everything measured
 - Multitude of different measurement types
 - Detailed description and summary of defects
 - Instantaneous logging of measurements
 - Detailed historic data reporting
- Upgradeable Windows™ software
- Backed by a full system warranty for 2 years
- Dedicated in-house and field support staff



HOW YOUR ORGANIZATION BENEFITS

No more manual measurements or data entry for the QC Technician.

No more subjective evaluations of product.

SnapQC™

Simplified method for the QC Manager to communicate with your customers.

Quick, easy studies of product size, shape, color, and weight.

The SnapQC™ increases efficiency and saves you money

SnapQC™ Specifications

Measurement Accuracies:

Height: ±1mm
Length/Width/Diameter: ±0.5mm
Weight: ±0.5g

Product Characteristics:

Max. Height: up to 152mm (6")
Max. Length: up to 406mm (16")
Max. Width: up to 305mm (12")
Max. Weight: up to 4kg (9lbs.)

Physical Size:

Height: 1092mm (43")
Width: 610mm (24")
Depth: 660mm (26")

Environmental:

Ambient Max. Temp.: 35°C (95°F)
Ambient Min. Temp.: 5°C (40°F)
Humidity: 5% to 95%
(Non-condensing)
Power: 120-240VAC
50/60Hz, 1PH

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