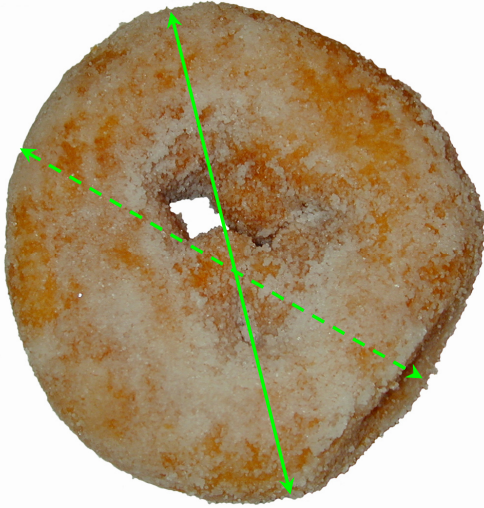


MONTROSE TECHNOLOGIES INC.

MINI-DONUT QUALITY MEASUREMENT SUMMARY

Color and Size Measurements (2D)



Max. Diameter (mm): The longest of 45 equally spaced diameters (shown in solid green).

Min. Diameter (mm): The shortest of 45 equally spaced diameters (shown in dashed green).

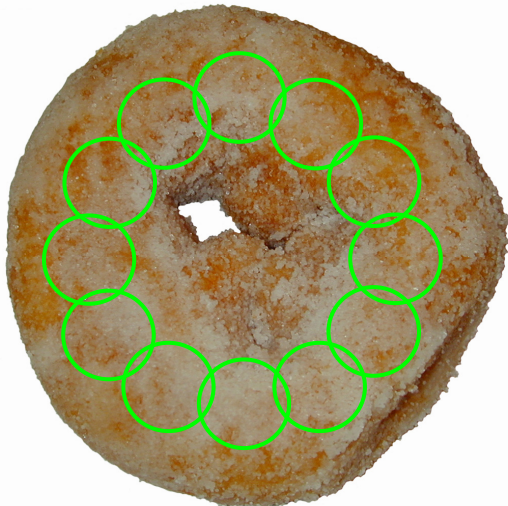
Surface Area (mm²): The total surface area of the object being measured.

Light Area (% or m²): The area of the top surface covered by light areas or topping.

Burnt Debris (mm²): The total area of burnt debris – can detect particles 10 mm² in size.

Donut Color (dbu): The color of the top surface, after subtracting the light and dark areas

Height Measurements (3D)



Peak Height (mm): Average of a user-defined number of highest points anywhere on the top surface.

Average Height (mm): Average of all of the height points on the top surface.

Slope (mm): The maximum height difference between 12 evenly spaced regions on the top surface of the object (shown in solid green). Note that the locations and diameters of the regions are user-configurable.

Volume (mm³): The total volume of the object being measured; calculated by integrating all individual height points on the top surface.

Other Measurements (External Data)

Average Weight (g): Average weight of a sample of customer specified number of objects, read from an external scale or checkweigher.