



**Food Technology Limited**

[www.eggtester.com](http://www.eggtester.com)





# ORKA Food Technology manufactures products for egg-quality testing

## Egg Analyzer™

Is an automatic egg-quality testing device that measures the weight, albumen height, yolk color and Haugh unit in 17 seconds using cutting-edge technology.



### FEATURES:

- Electronic scale measures the egg's weight
- Ultrasound sensors measure the albumen height and yolk color without touching the egg
- Automatically calculates and classifies the Haugh unit; displays and prints measured values and calculated values
- Highly accurate and stable measurement, not dependent on individual operators
- Measurement time: approx. 17 seconds per set
- Proprietary software works with an external PC

### SPECIFICATIONS:

- Egg weight: 20gr - 150gr +/- 0.1gr
- Albumen height: 0mm-30mm +/- 0.1mm
- Yolk color: 1 through 16 according to the DSM Yolk color fans
- Haugh unit: 0-130 HU
- Egg grades based on Haugh units: AA, 72 or higher; A, 71-60; B, 59-31; C, 30 or less
- WxHxD: 280mm (11") x 280mm (11") x 330mm (13")
- Stores, calculates and averages up to 1,000 tests
- Proprietary software for external PC operation via USB communication cable (optional)
- Displays results on LCD screen
- Built-in printer
- 90-230V, 50/60 Hz
- Weight: 6.5 KG

Our devices are available internationally and are supported by a worldwide network of distributors to assist with technical support, service and 1-year full warranty.

## Egg Shell Thickness Gauge

Uses ultrasound to measure the thickness of a shell without breaking the egg.

### FEATURES:

- Large back-lit LCD display
- LCD retains last readings
- Selectable resolution of 0.001 mm or 0.01 mm
- Selectable units of inch or millimeter
- RS-232C serial output for printing data or storing on a computer
- Selectable viewing options
- Comfortable stand for easy measuring
- Supplied as a complete kit with the gauge, probe, 4-oz bottle of coupling fluid, and stand 2 AA batteries, NIST calibration certificate and operating instruction manual — all in a foam-fitted carrying case.



## Egg Shell Force Reader

Measures the egg shell destruction strength.

### FEATURES:

- Electronically measures the shell's strength hands-free
- Automatic up and down movement
- USB or Bluetooth wireless communication for printing or data storage on a computer
- Displays and prints measured peak
- Constantly stable measurement, not dependent on individual operators
- Measurement time: approx. 10 seconds per set
- Proprietary PC-based software
- Weight: 4 KG



## Digital Haugh Tester

Measures the height of egg albumen and allows you to manually determine the Haugh unit quickly and accurately.

### FEATURES:

- Extremely precise and friendly to use
- Haugh unit calculator (excel format) included
- Direct mm/inch conversion
- Lifting lever included
- High contrast LCD display
- Mean Battery Life: 4400 hours
- Weight: 0.5 Kg
- CE approved



## Egg OR Candler™

It is a portable LED battery/mains operated lamp, allowing the user to candle both white and brown eggs in any environment.

### FEATURES:

- LED: 10 Watt
- Max Output (Luminous Flux): 1000 Lumens
- LED life: 50,000 hours
- Battery: Lithium ion
- battery, 4400mAh
- Battery Run time: 180 minutes (100% brightness)
- Battery lifespan: Rechargeable 500-800 times
- Power supply: 110-230 V
- Egg Candling Lamp



## **ORKA Food Technology Ltd.**

Better known as "eggtester.com". ORKA Food Technology is a leading worldwide manufacturer of egg-quality measuring equipment. The company was established in 2004 to respond to the needs of the egg industry for innovative, labor-saving, high-quality devices for measuring egg-quality. The professionals who founded EggTester.Com have backgrounds in multidisciplinary engineering, advanced medical devices, research, development and marketing.

The flagship product, EggAnalyzer<sup>®</sup>, was released in early 2006 and was soon followed by a series of other egg-quality measuring devices, such as Eggshell Thickness Gauge, Egg Force Reader, Digital Haugh Tester, Egg OR Candler and Wireless Egg Node.

Besides manufacturing state of the art egg-quality measuring equipment, EggTester.Com is involved in ongoing research and development of other egg-quality measuring devices. The company sells internationally and maintains a network of distributors worldwide to assist with technical support and service.

Our mission is to spread the industry standard in egg quality all over the world and we are constantly working to improve our hardware and software and are committed to producing top quality testing devices.

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