



January 22, 2018

Press Release

### **Major Upgrade on ORKA's Wireless Egg Node™**

**EggTester.Com** (officially known as "**ORKA Food Technology**") announced that it has made a major upgrade on **Wireless Egg Node™** and will unveil it at **IPPE 2018, Atlanta** (during Jan 30 – Feb 1, 2018, **Booth No: C3432 , C-Hall**) for the first time. **Wireless Egg Node™** provides real time measure of shocks, vibration, rotation, tilting and temperature to your eggs to reduce eggs breakages and losses.

**Major upgrade on Wireless Egg Node™** includes;

- ✓ Mimics the shape, size and weight of an egg for reproducibility of data
- ✓ Measures external forces on eggs including vibration, rotation, tilt, inclination, shock and acceleration along the chain extending from collection through packing, transport and in-store handling.
- ✓ Incorporates a high-speed tri-axial **± 40 G** accelerometer.
- ✓ Super accurate ( $\pm 0.1$  C°) Internal **Temperature sensor**, especially for hatching eggs.
- ✓ Simple, user-friendly **ORKA Node Controller ® Graphing Software** that includes:
  - Each of the three axis of acceleration separately
  - **Total impacting force**
  - Zoom in/zoom out for granular detail of events
  - **Remarks and point of interest** on the real time chart
- ✓ **Extended internal memory** – 16Mb capable of storing up to 8,000,000 data points.
- ✓ **Water resistant** and can pass through washing installations
- ✓ Scalable, data transmitted up to **2 km (1.2 mile)**
- ✓ Network supports up to **128 Wireless Eggs** simultaneously!
- ✓ Up to **6 months continuous use** without charging (in 1 sample / second rate)



✓ And more...

The current ORKA range comprises:

- Egg Analyzer; this instrument determines the weight of eggs, albumen height, Haugh units, yolk color and USDA grade in 17 seconds!
- Egg Force Reader; this instrument measures the eggshell strength.
- Eggshell Thickness Gauge; this instrument uses ultrasound to measure the thickness of shells without breaking them.
- Digital Haugh Tester; this instrument is extremely precise and friendly to use in order to assist you with the correct process of reading of the albumen height.
- Egg OR Candler; this instrument is a portable LED battery/mains operated egg candling lamp for both white and brown eggs in any environment.
- Wireless Egg Node™; this instrument provides real time measure of shocks, vibration, rotation, tilting and temperature to your eggs to reduce eggs breakages and losses.

The ORKA range of instruments is used extensively in QC laboratories operated by egg producers, packers, universities, regulatory authorities, and primary breeders.

For more information, please contact us at [info@orkatech.com](mailto:info@orkatech.com)

Or visit us at [www.eggtester.com](http://www.eggtester.com)

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