

EGG ANALYZER™

SOFTWARE RELEASE

DOCUMENT

07-SR-001 Version 3.00

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1. Changes and New Features for version 3.00

1.1. Changes

1. Speed up system operation -
 - a. Old mode – Test results presented on the screen were frozen on the screen for 5-10 sec to allow the user to review the results. This waiting time slowed the system operation and did not allow fast testing mode.
 - b. **The change – User can now exit the presentation of the results any time by pressing any button and proceed with the testing without waiting time.**
2. **Improve accuracy of Yolk color identification – Yolk colors identification algorithm has been improved to allow better identification and accuracy of Yolk colors.**
3. Improve height calibration process and accuracy -
 - a. Old mode – Albumen Height calibration performed at 0mm level only and allowed the sensor to calculate itself for height measurements.
 - b. **The change – Albumen Height calibration now performs 0mm level calibration AND 15 mm calibration which gives the system two points of reference and improves the accuracy of the measurements between these two points.**
4. Print of average results -
 - a. Old mode – The use of the PRINT button to print all tests in the memory printed also the average of HAUGH and Grade parameters.
 - b. **The change – PRINT button on new version will calculate the averages of Weight and Color parameters as well as the averages of HU and Grade.**

1.2. New Features

1. RE-START option -
 - c. Old mode – In order to reset the unit, user had to switch the unit OFF and ON. This process deletes the memory and caused for loss of tests data.
 - d. **The change – User can now reset/restart the unit at any time by long press on the START button (2 sec). In this mode the unit will abort any operation and switch to main/start screen to allow the user to proceed with new test while the data will still be kept in the memory for later use.**
2. Stand alone weight measurement –
 - e. Old mode – Weight measurement was part of the overall test and could only be performed as part of the **Haugh** unit test process.
 - f. **New Mode - The unit allows the user to make measurements of egg's weight as a stand alone test. By placing the egg on the weight and pressing the WEIGHT button, the unit will measure the weight of the egg on the weight and present the results on the screen.**

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3. **TEST MODE option (for technician use only) – Entering into TEST MODE will cause the unit to perform 100 automatic tests in a row. This mode is for technician use and aimed for laboratory operational tests only.**
4. **Stand alone Albumen Height calibration (for technician use only) – Albumen's height calibration can now be performed with no connection to the calibration of the overall system, this mode should ease the calibration process for technicians.**