

ROTOMAID®



EGG WASHING & SANITISING WITH THE ROTOMAID MACHINE

Electronic 100 & 200 Models

Your ROTOMAID machine consists of:

- A motorised base which oscillates gently;
- A water bucket with thermostatically controlled heater
- A basket for egg collection/washing

Uses of your ROTOMAID Machine:

- Wash and sanitise eggs with ROTOSAN Powder
- Protect against re-infection with ROTOGARD Liquid

Product Features:

- 100 Model – 100 poultry egg washing capacity
- 200 Model – 200 poultry egg washing capacity
- Bucket – Adjustable electronic thermostat maintaining an even water temperature between 45°C - 35°C
- Base – Powerful low voltage motor designed to enhance safety and universal application. Motor complies with both the EMC Directive and the Low Voltage Directive
- Base – Compatible with both 100 & 200 Bucket

The machine is robust, mobile and easy to use. It can be operated anywhere there is a double electric outlet and a clean water supply. ROTO egg washing products should be used to ensure the long life of the ROTOMAID machine.

Why clean and sanitise eggs?

Both dirty and visually clean eggs have many thousands of bacteria present on the shell surface, such as salmonella, coliforms, proteus, pseudomonads, bacillus cereus, putrefactive anaerobes and coccal forms. They could represent a threat to health if they remain on eggs sold for human consumption. Similarly with hatching eggs they are a hazard to the health and viability of the chick.

The Rotosan – Rotogard Two Stage Solution:

- neutralises the large natural bacterial load on the egg shell, including any pathogenic species present;
- reduces the risk of cross contamination with pathogens from the surface of eggs into other food substances;
- quickly kills shell borne bacteria thereby preventing invasion through the shell and infection of the contents;
- reduces the risk of egg-borne infection of the work-force handling eggs;
- maximises the hatchability potential of each batch of eggs;
- assists chick viability and food conversion rate; and
- reduces the likelihood of infection of the yolk sack through bacteria entering the open naval after hatching.

Note: Washing of poultry eggs for market within the EC should be undertaken as permitted in the EC Egg (Marketing Standards) Regulations



ROTOMAID®

INSTALLATION INSTRUCTIONS:

IMPORTANT

All plugs are factory sealed and fused – The Base with a three amp fuse and the Bucket with a 13 amp fuse. **As a safety measure the use of a portable Residual Current Device is essential in conjunction with each plug as per BS7071-1992, clause 2.1.18 or as revised.** A portable RCD is designed to perform the additional function of overload and/or short circuit protection

CAUTION

The electronics are factory certified and tested. **Do not subject to a PAT or Insulation test** as this will damage the electronic circuit.

The product is not designed for use without first being filled with water. Switching the unit on without first filling with water could cause damage to the product and will invalidate the warranty.

POSITION

Place bucket on the base near to a double power point. It is important to position the unit in a dry environment where it will not be put at risk from water ingress by such routines as poultry house cleaning/slucing.

OPERATING INSTRUCTIONS:

WASHING

- Fill the bucket with cold water to the Water Level mark. Plug in and switch on. The red LED will switch off when the water reaches the set temperature. Check temperature using the thermometer provided by placing thermometer in the centre of the bucket and taking care to avoid the element. Adjust thermostat if necessary to ensure correct temperature is reached.
- Dissolve one level 50ml scoop of ROTOSAN powder into the ROTOMAID 100 or two 50ml scoops into the ROTOMAID 200.
- Fill a basket with eggs, the dirtiest to the outside.
- Lower the basket into the ROTOSAN solution in the bucket ensuring that all the eggs are covered, remove eggs if necessary to accomplish this. Plug in the base and switch on. The base will oscillate gently.
- After a few minutes, dependant upon the degree of soiling, remove the basket of sanitised eggs and leave to dry. Repeat with next basket of eggs.
- The solution should be renewed each time five baskets of lightly soiled eggs have been washed. This procedure maintains the antibacterial and cleaning properties of the solution. Do not allow the water to become dirty or cold.
- After use discard the water and rinse the bucket with fresh water, store in a dry place. All chemicals contain biodegradable ingredients and may be disposed of in the foul water drain when spent.

DIPPING

- Follow the instructions for washing the eggs as above and allow to dry.
- Add 100 ml ROTOGARD liquid to the ROTOMAID 100 bucket freshly filled with clean warm water or 200 ml to the ROTOMAID 200 bucket.
- Lower the dried basket of eggs into the ROTOGARD solution in the bucket ensuring that all the eggs are covered. Leave for 15 seconds then remove. Activation of the base is not required for this procedure.
- The solution should be renewed each time 30 baskets have been dipped.
- Clean and store machine as previously.

PRECAUTIONS

- Rinse off splashed powder/detergent or solution with plenty of clean cold water.
- MSDS Sheets are available on request.

