

COTTON SWAB PACKAGING MACHINE

SO97

GENERAL DESCRIPTION

The SO97 packaging machine has been developed for the complete packaging of cotton swabs in square or rectangular boxes and is connected to operate directly downstream from Strema's CF1 or CF3 cotton swab machines.

It automatically carries out the following operations:

- Transfer the box from the magazine to the slot on the rotating table.

- Rotate the box at the filling station.
- Fill the box.
- Transfer the lid from magazine to the closing station.
- Close the box.
- Evacuate the box.

SO97 can operate with one box (single box cycle) or two boxes per cycle (double box cycle).



FEATURES:

Production Capacity

The production capacity of the SO97 machine can reach 10 boxes/min in the single box cycle and 18 box/min in the double box cycle.

Materials

Boxes and lids

- Shape: square or rectangular, stackable.
- Material: plastic or carton:
- Maximum box dimensions:
 - single box L208xW83xH55 mm
 - double box L104xW83xH55 mm

Accessories and options

- Customized positioning of the feeding stacks.
- Customer specified formats.
- Left configuration (the configuration shown in picture is right).
- Body in customer's specified colours or in stainless steel.

- Remote diagnosis via phone line.
- Customer specified configurations.

Control features

The PLC-based control system is synchronised with that of the cotton swab machine. It performs a number of functional checks. Among them:

- Minimum level in box magazine.
- Presence of box on the rotating disk.
- Minimum level in lid magazine.
- Presence of lid on the box.
- Adjustable minimum air pressure level.
- Correct positioning of pneumatic actuators.

Dimension and weight

- Installed: L1340xW1160xH1700 mm; 300 kg
- In wooden box for shipping: L1840xW1460xH1950 mm; 420 kg

Continuing improvement policy

It is Strema's policy to pursue the continuous improvement of all its products. As a consequence, variations from data shown above may occur.

