COTTON SWAB PACKAGING MACHINE

GENERAL DESCRIPTION
The SQ97 packaging machine has been developed for the complete packaging of cotton swabs in rectangular or square boxes and is connected to operate directly downstream from Strema’s CF1 or CF3 cotton swab machines.

It automatically carries out the following operations:
- Traverse the box at the filling station.
- Fill the box.
- Transfer the lid from magazine to the closing station.
- Close the box.
- Evacuate the box.

SQ97 can operate with one box (single box cycle) or two boxes per cycle (double box cycle).

FEATURES:

Production Capacity
The production capacity of the SQ97 machine can reach 50 boxes/hr in the single box cycle and 100 boxes/hr 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 synchronized 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.

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