

Automatic Feeder SQC Series



Design and Functionality

The device is based on a cylindrical vibrating container equipped with a conical or stepped storage bin offered in stainless steel version. Due to application in pharmaceutical industry, the feeder's storage bin is continuously welded in its inner and outer part, and it is chemically electropolished. The feeder is appropriate for dosing pills from 3 to 15mm in diameter, round and oblong, as well as details with similar shapes and dimensions.

The device is enclosed in a powder coated mild steel housing.

ACZET laboratory balance series CY, which are cooperating with the automatic feeder, provide complete control over the SQC feeder. The balance control the start and stop of the feeder and adjusts object feeding frequency. The device also enables automatic feeding of objects according to pre-defined algorithm. Filled objects (e.g. pills) are weighed on a balance and statistically assessed. The feeder fills the following object as soon as it receives an adequate command from the balance.

Construction

Automatic feeder SQC is designed to ensure even dosing of objects with small dimensions, in particular pills and capsules, as well as small mechanical parts. The feeder carries out dosing to a weighing pan of a balance to which it is attached.

If joined with ACZET analytical balance series CY, it provides fast static control of samples according to strict pharmaceutical requirements.

Automatic feeder SQC cooperates with below balance CY series

- Analytical Balance CY series
- Precision Balance CY Series

Model	SQC 220 / 320
Diameter of filled object	Ø3 ÷ 10mm
Feeder diameter	Ø 180mm
Height of feeder's vibrating element	70mm
Filling speed	1 ÷ 15pcs / min
Operating temperature	+5° ÷ +40°C
Power consumption	8W
IP rating	IP 34
Power supply	110 ÷ 230 VAC 50/60Hz
Control	External from balance level
Interface	RS 232
Net weight	22,3 kg
Dimensions	265 x 255 x 230mm

Specification are subject to change without prior notice. Images shown are for illustrations purpose only.

WORLDWIDEMARKETING

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