

## *PCW-100 Pharmaceutical Checkweigher Station*



In general, pharmaceuticals produced with low weight and containing materials such as prospectus, spoon, or pipette as a content of the packaging should be precisely measured before leaving the line. Moreover, the quantity controls of volatile products such as aerosols after the quarantine period can only be performed with precise measurements. Checkweigher is used in the pharmaceutical industry to ensure total quality and patient safety. Therefore, the precision and operational accuracy of its weight measurement must be perfect. The completeness of the pharmaceutical components that the patient will use is determined by many legislators with regulations. Pharmaceutical manufacturers have to commit that a carton has been produced in full. Checkweigher controls the weight of the smallest component in the carton, ensuring that the packaging is complete and accurate.

The Pharmaceutical Checkweigher Station PCW-100 complies with international standards and can make very precise measurements. The Pharmaceutical Checkweigher Station PCW-100, which can control pharmaceutical product weights between 5 g and 1000 g at a speed of 300(\*) products/minute with an accuracy of 0.1 g, can work integrated with traceable production processes.

A conventional checkweigher consists of input, measurement, and output conveyors. The load cell placed under the measuring conveyor detects the weight changes while the conveyor belt is running and measures the weight of the product passing through it with a certain precision by using special mathematical functions. This weight information is processed in the internal automation system and the system decides whether the product will be accepted or rejected. Products whose weight falls outside the predetermined acceptance range are sent to a locked rejection box with the help of an air piston.

## Features

- Measures products between 5 g and 1000 g with a precision of 0.1 g.
- Measures the weight of 300(\*) products per minute.
- Integrated with traceable production processes.
- Has a locked reject box.
- User-friendly interface with a touch screen.
- GMP, GAMP 5, and 21 CFR Part 11 compliant

## Technical Parameters

Measuring Range	5 g - 1500 g
Accuracy	±0.1 g
Repeatability	0.1 g
Capacity (max)*	300 pcs/minute
Product Length Control	Yes
Voltage / Frequency	110 V / 220 V / 50 - 60 Hz
Dimensions (WxLxH)	1030x1200x2170 mm
Material	Stainless Steel