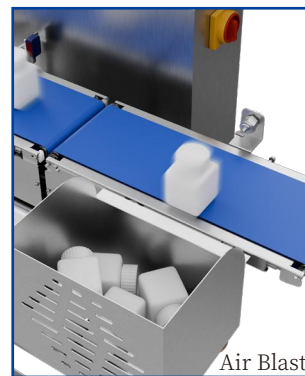


Inspection of Product Quality and Packaging Integrity

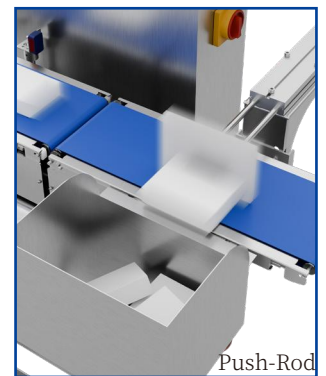
Equipment Description

The automatic checkweigher can weigh various products and package sizes on the pro-

duction line, with a range from a few grams to several hundred kilograms. It is suitable for detecting whether the product weight meets standards before and after packaging, checking for overpacking, underpacking, or missing items (such as products, accessories, instructions, etc.), and for online rejection of non-conforming products or sorting by weight.



Air Blast



Push-Rod

High Precision

Suitable for Small,
Lightweight Products
and Packaging



General Purpose

Suitable for Most
Products and Packaging



Large Range

Suitable for Large, Heavy
Products and Packaging



Performance Parameters

Conveyor Belt Width 50mm: Range $\leq 100\text{g}$, Accuracy $\pm 0.05\text{g}$, Speed 20~60m/min

Conveyor Belt Width 100mm: Range $\leq 500\text{g}$, Accuracy $\pm 0.1\text{g}$, Speed 20~60m/min

Conveyor Belt Width 150mm: Range $\leq 1\text{kg}$, Accuracy $\pm 0.2\text{g}$, Speed 20~60m/min

Conveyor Belt Width 220mm: Range $\leq 2\text{kg}$, Accuracy $\pm 0.3\text{g}$, Speed 20~80m/min

Conveyor Belt Width 300mm: Range $\leq 3\text{kg}$, Accuracy $\pm 0.5\text{g}$, Speed 20~80m/min

Conveyor Belt Width 350mm: Range $\leq 5\text{kg}$, Accuracy $\pm 1\text{g}$, Speed 20~80m/min

Conveyor Belt Width 400mm: Range $\leq 10\text{kg}$, Accuracy $\pm 2\text{g}$, Speed 20~60m/min

Conveyor Belt Width 500mm: Range $\leq 30\text{kg}$, Accuracy $\pm 3\text{g}$, Speed 20~40m/min

Conveyor Belt Width 600mm: Range $\leq 50\text{kg}$, Accuracy $\pm 5\text{g}$, Speed 20~35m/min

Basic Parameters

Material:

SUS201/304 brushed stainless steel, food-grade PU belt

Control System: High-speed A/D sampling controller

Interactive Screen:

10-inch color touchscreen, 7-inch for high precision

Preset Products: Automatic learning, 100 parameters

Operating Environment:

Custom Options:

Roller conveyor, multi-channel, split design,

waterproof, additional interfaces, etc.

Compatible with metal detectors, labeling machines

Alarm Rejection System

Alarm Method:

Sound and light alarm

Rejection Devices:

Air blast, push rod, other

Rejection Levels: 1 to 16 levels

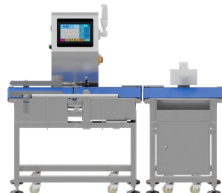
Rejection Collection:

None, plate, collection box

Air Pressure Interface: $\phi 8\text{mm}$

The data is provided for reference purpose only and is subject to the custom quotation and contract.

Three exclusion methods



Alarm Stops Machine

Automatic Rejection

Weight-Based Sorting