SAiMO
Weighing Packaging Inspection

Checkweigher

Saimo Technology

SCW Series Checkweigher

The general purpose SCW Series Checkweighers represent a fast and accurate in-line weight checking solution for various sizes and shapes of packages of up to 50kg.

Saimo Checkweighers are the perfect tools to help you reduce product giveaway so your business can reduce costs while performing strict quality control checks. There are a wide range of models available to suit almost any application requirements.

Benefits

- **Reduced product giveaway** from accurate weighing
- **Excellent quality control solution** with multiple weighing zones and comprehensive statistical package
- **Maximum flexibility** with large product memory
- **Ease of operation** with user friendly HMI
- **Low maintenance requirement** stem from high quality components and rugged construction

Features:

- Rugged and fully sealed stainless steel construction
- Hygienic design
- High accuracy load cell and digital filtering
- Automatic zero tracking function.
- Large capacity product memory
- Fast & easy product changeover
- Automatic belt speed adjustment on product selection
- Quick release design for conveyor and product belt
- User friendly HMI
- Comprehensive statistical package

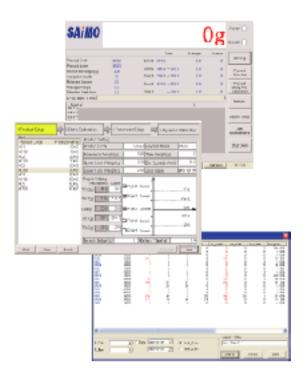## Specifications:

Model	SCW06A/B/C	SCW20A/B/C	SCW30A/B/C	SCW60A/B/C
Weight Range	6g to 600g	50g to 2,000g	100g to 3,000g	100g to 6,000g
Accuracy	±0.4g	± 0.5g	±1g	± 4g
Max. Speed	200 ppm	150 ppm	120 ppm	60 ppm
Belt Length [mm]	220, 300	300, 400	400, 500	600, 800
Belt Width [mm]	150, 200	200, 250	250, 300	400, 500
Line Height [mm]	600 to 1,000	600 to 1,000	600 to 1,000	600 to 1,000
Metal detection [mm] for Combi units only Fe; Non-Fe; SS	1.0 ; 1.2 ; 1.5 *1	1.2 ; 1.5 ; 2.0 *1	1.5 ; 2.0 ; 2.5 *1	2.0 ; 2.5 ; 3.0 *1

*1 - Above stated metal detection capabilities may vary depending on product specifications.

Version A - 12" Color Touch Screen Computer

Display
- 12" Touch Screen for easy access
- Graphic display for data analysis

Product setup and calibration
- Easy-to-follow step by step instructions
- Graphic representation of weighing parameters
- Automatic learning of product characteristics

Product changeover
- Two steps fast product selection
- Large product memory
- Automatic belt speed adjustment

Diagnosis & Alarms
- Versatile self-diagnosis tool
- Fully programmable alarm configurations

Data & Security
- Production data history analysis by shift, day, month, year or product name
- Multilevel password protection

Version B - 6" High Visibility Graphic LCD with Controller

Main Features
- 6" Graphic LCD screen with soft keypad
- Easy Product setup and calibration
- Fast product selection
- Self-Diagnosis
- Comprehensive statistical package
- Multilevel password protection
- Flexible alarms configuration

Specifications:

Model	SCW100 A/B/C	SCW150 A/B/C	SCW250 A/B/C	SCW500 A/B/C
Weight Range	Up to10kg	Up to 15kg	Up to 25kg	Up to 50kg
Accuracy	± 5g	± 7g	±10g	± 15g
Max. Speed	45 ppm	45 ppm	30 ppm	30 ppm
Belt Length [mm]	600, 800	600, 800	800, 1000, 1100	800, 1000, 1100
Belt Width [mm]	400, 500	400, 500	600, 650	600, 650
Line Height [mm]	700 to 1,000	700 to 1,000	700 to 1,000	700 to 1,000
Metal detection [mm] for Combi units only Fe; Non-Fe; SS	2.5 ; 3.0 ; 3.5 *1	2.5 ; 3.0 ; 3.5 *1	3.0 ; 3.5 ; 4.0 *1	3.5 ; 4.0 ; 4.5 *1

*1 - Above stated metal detection capabilities may vary depending on product specifications.

Version C - Combi System

All SCW Series checkweighers can be integrated with a suitable size metal detector, saving valuable line space and providing an integral quality control tool for your packaging line. Depending on your product specifications, there is a checkweigher and metal detector combination system to suit your requirements.

Saimo "Combi" systems can provide your company with superb metal detection capabilities to meet HACCP requirements, and very accurate in-line weight checking to assist in reducing product giveaway.

Metal Detector Features

- Digital Signal Processing Technology
- Automatic Balance Adjustment
- Simple product setup & calibration
- High sensitivity to all metals
- Automatic and manual test facility
- Multi - product storage

Options available for all models

- Feedback control
- Factory networks support: Modbus, Field-bus, etc.
- Printer: local or remote
- Remote monitor
- Data (Production & Machine) download/upload facility

- Open flap detection
- Barcode reader input
- Remote product selection by external device
- Customized software to suit your needs
- Internet support and updates

Standard Reject Devices (custom designs available)

| Air blast | Air pusher | Diverting Arm | Drop flap |

SAIMO Saimo Technology Pty Ltd

Catalog No.ST.E.CW01(04.08)