

WEIGHCHEK CK Series



- 100 product presets
- EL touch screen interface
- Auto speed control
- Static Weigh mode
- SmartWeigh diagnostic screen
- Standard 12 language menu
- 6 selectable statistics screens
- "No tools" conveyor and belt removal
- High accuracy fast response dynamic weighcells
- Network ready serial ports
- Integral or remote printer options
- Wide range of reject options
- Brushed stainless steel construction (IP 65 or IP 66)

The World's Most Reliable Checkweigher

The Lock *WeighChek* CK series are the most accurate and reliable checkweighers available today for high speed weighing of a variety of food and industrial products. All Lock *WeighChek* checkweighers are custom engineered to suit your production line requirements, and they combine powerful electronics with high accuracy weigh cells for the ultimate in dynamic weighing.

While maintaining high production throughput rates and accuracies, the *WeighChek* series is also very economical and durable. The quick disconnect conveyors can be removed in seconds with no tools, and all *WeighChek*'s are of brushed stainless steel construction as standard, available in both IP65 and IP66 ratings.

The bright electro-luminescent touch screen display is rotatable, easy to view from a distance, and offers a wide range of statistical data. All *WeighChek*'s are network ready as standard, and can be linked to Lock's powerful Datachek data management system.

LOCK

YOUR PARTNER IN PRODUCT PROTECTION

INSPECTION SYSTEMS

WEIGHCHEK CK Series

SYSTEM

Security Codes

Three levels of selectable security codes are provided:

1. Operator level to change product settings
2. Supervisor level to change set-up mode
3. Engineering level to access factory test set-up parameters

RS232/422/485 datalink

Allows printing of reject reports, networking with PC and Quality Assurance information.

EtherNet Port option available

Lock Datachek Management System

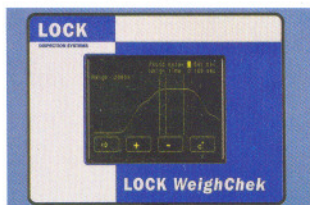
A complete data collection system for remote monitoring of checkweigher performance either individually or as part of a group of systems

Accuracy

The CK series of checkweighers is available in 5 high performance models and will handle a wide range of product sizes while providing high accuracy performance.

Auto Speed Control

All product speeds can be preset into memory via variable frequency controlled motors. This provides automatic belt speed changes whenever the operator changes the preset product.



CHECKWEIGHER Construction

Welded brushed stainless steel to IP 65 (NEMA 4) or IP 66 (NEMA 4x)

Display

A touchscreen bright sunlight-readable Electroluminescent (EL) screen panel which is rotatable and tiltable for ease of use in all packing lines

Sizes

Infeed, weigh and outfeed tables are available at different heights to suit all production lines.

Electronic Module Features

- 100 product programs
- Auto speed, variable frequency controlled motors
- Static weigh mode
- Auto Zero
- Smartweigh diagnostic screen
- 6 selectable statistic screens
- Simple touchscreen interface for ease of use
- Digital Display
- Serial ports providing print-out facility of inspection events with 300 event storage.

SmartWeigh

Unique to Lock checkweighers, SmartWeigh provides an on-screen diagnostic display of the individual pack weight, which makes accuracy fine tuning, quick and easy.

GENERAL

Reject Options

Lock custom designs a wide variety of reject systems for over and under weight products to suit any application, including air jet, pusher cylinder, diverter gate, powered drop conveyor and many others

Digital Filtering

The WeighChek's powerful processors provide advanced digital filtering of the Weighchek signal, guaranteeing the best possible accuracy available, even for unstable packages

5 Zone Weighing

The WeighChek has 5 zones as standard - Gross overweight, Gross underweight, Accept weight, Over weight pass and Under weight pass

Power supply

115vAC 50-60Hz

Operating Temperature

Temperature: -5° C to 45° C
23° F to 113° F

Humidity:

up to 95% RH



Model	CK 100	CK 200	CK 2500	CK 6000	CK 50 HW
Accuracy	+/- 100 milligrams	+/- 200 milligrams	+/- 1 to 2 grams	+/- 2 to 4 grams	+/- 10 to 20 grams
Max Speed	100 CPM	200 CPM	300 CPM	80 CPM	50 CPM
Max Pack Weight	100 grams	200 grams	2500 grams	6000 grams	50 kilograms
Weight Cell Capacity	3 Kilograms	5 Kilograms	10 Kilograms	15 Kilograms	100 Kilograms

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