

# HC-WD

For Wash Down  
applications



Competence in dynamic weighing.

A Wipotec Brand

os  
CHECKWEIGHERS

# Wash Down: Without compromise



OCS Checkweighers provides the HC-WD checkweigher for the food processing industry. IFS compatible product monitoring, HACCP and FDA conform design are no problem with the HC-WD. Based on our famous precision and speed, this OCS checkweigher was specifically developed for intensive and frequently recurrent cleaning cycles. With its sophisticated performance characteristics, it complies with the strict hygiene requirements used in the food industry. Rounded surfaces and defined draining edges together with an open design for optimal cleanliness evaluation speak for themselves. Take a look yourself!

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**FDA:**  
Food and Drug Administration

**HACCP:**  
Hazard Analysis and Critical Control Point

**IFS:**  
International Food Standard



Uncompromising!  
Open under frame,  
no hidden voids,  
rounded surfaces.



# The performance characteristics in detail

## Standard equipment



Reliable checkweigher for max. speed and precision:

- 100 % production monitoring according to national legal for trade requirements e.g. E-merk
- rejection of products with weight shortages at high selectivity

Production documentation in various log books

Total and/or intermediate statistics selectable by piece, hours or minutes

Sturdy, massive stainless steel frame and complete unit encased in stainless steel housing with infeed- weighing and outfeed conveyors (VA-35-WA) as well as sorting device

Certified for various countries

Legal for trade

Very high performance

Spot check function with single reject

Stainless steel Weigh Cell, IP 69K, various weighing ranges

Various weight ranges for classifying

Memory for 100 product parameter sets

Simple, menu-driven operation via colour touch screen

Enlarged weight display selectable

Menu language selectable <sup>1)</sup>

Comprehensive, menu-driven service and diagnostics functions

Online help function

4 password-protected user levels

Various working height ranges

Simple exchange of belts i.e. conveyors without using tools

Maintenance free stainless-steel drive motors in servo-technology (IP 69K)

Light barrier (IP 69K) for product registration

Line synchronisation with isolated I/O-signals

- automatic (input)
- bringer release (output)
- error 1 (output)

Variable belt widths and belt lengths in grid dimensions

## Optional features for batch tracing/ data management



Batch program package

User access administration in compliance with 21CFR Part 11

Extended event log (audit trail, electronic records) in compliance with 21CFR Part 11

Data backup

APS statistics package in accordance with national legal for trade requirements-conformity, optionally with

- Printout on network printer provided by customer
- Data transfer via serial interface
- external Centronics-printer provided by customer

Prepared for network integration:

- Single nominal weight transfer via interface: RS 232c, RS 422, RS 485, TTY (current loop)
- Ethernet (TCP/IP)
- Profibus DP
- XML Data interface
- Integration into data networks of other scales manufacturers
- ComScale NT



<sup>1)</sup> subject to availability, special languages on demand

# HC-WD

## Electrical options



- Memory expansion
- product parameter memory
- Switching of articles via data interface or digital contacts
- Alpha-numeric remote display
- Control of additional transport drives; control of various motors (IMOT or DC/AC drives)
- Classifying-/sorting lamp (threefold)
- Signal lamp (basic)
- Acoustic signal (external)
- Remote maintenance by modem or remote control
- Emergency stop function
- Extension module for digital I/O-signals
- Product jam sensors
- Sequential drive
- Sensor control

## Product handling options



- Additional product monitoring, e.g.:
  - sloaping position control
  - metal control
  - optical check by camera
  - lid control
- High-speed rejection systems
- Lateral guide rails
- Various rejection devices (air blast nozzle, pneumatic pusher, sorting gate, etc.)

## Optional features weighing technology/ applications



- Dead load adjusted interference compensation
- Full weighing belt cover
- Tare-gross weighing systems

## Mechanical options



- Base frame in special heights available
- Belt for metal detector
- Combination base frame for e.g. metal detector
- Separately installed conveyor belts
- Multi-sorting
- Stainless steel rejection bin (lockable) with filling height monitor
- Centralised operation for multi-lane systems

## Optional features for control engineering

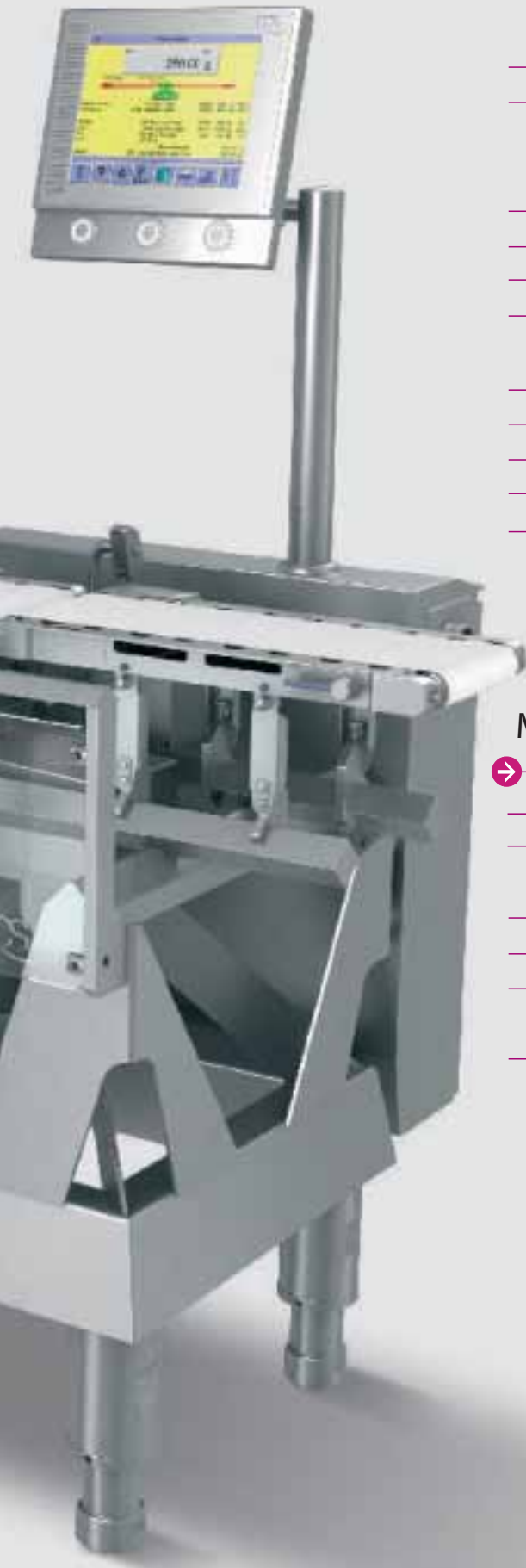
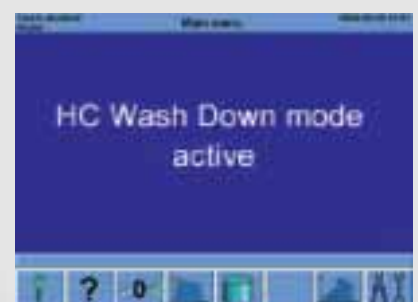


- Mean value feedback control for one or more filling heads
- Filling head monitoring with trend meter and individual statistics
- Floating Mean Value Control

## Cleaning option



- Cleaning program without disassembling the belts with easy handling and documentation in the machine logbook





# Improvements on proven technology for your benefit: **Protection class IP 69K**



- Locking Swivel and Tilting stainless steel control terminal with colour touch screen and Piezo controls (IP 69K).



- Universally adjustable infeed light barrier (IP 69K) for safe and precise product detection.



- Hygiene-compatible belt-construction in solid stainless-steel design with totally enclosed drives (IP 69K), optionally equipped with belt or round-section belts.



- Open conveyor structure prevents deposits of product remnants and ensure continuous cleaning with optimum cleanliness evaluation.



- Simple, toolfree belt removal via cams for the simplest possible cleaning with the machine running (cleaning program).



- Precision Weigh Cell in solid stainless-steel design (IP 69K) with sloping case form and separate foundation for optimal oscillation and vibration-free integration into the machine frame.



- Hygiene-compatible underframe and compliance with a minimum sump height. High integration weight for stability.

OCS checkweighers cover all areas of weighing technology and provide solutions for every task in the industrial sector

## HC-Series

High-performance checkweighers for high-end applications



## EC-M-Series

Standard checkweighers for mid-range applications



## EC-S-MB

Entry level checkweighers for standard applications



Close to you with our worldwide service and sales network

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