



This new state-of-the-art checkweigher combines versatility and flexibility with even greater accuracy and higher speeds.

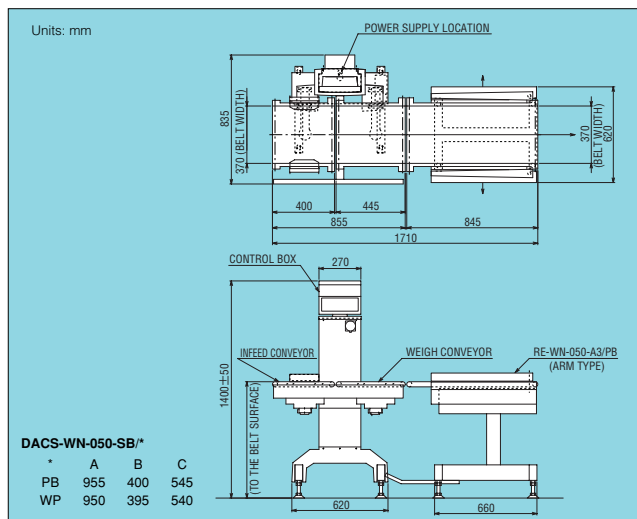
The DACS-WN-050 combines user-friendly operation with unequalled performance for products up to 5kg and can achieve a maximum speed of 130 packs per minute.

The Remote Control Unit (RCU) features a high visibility fluorescent graphic display with tactile membrane keyboard which can be angled to suit individual applications.

The advanced Host Computer Interface concept enables the checkweigher to become part of a fully-integrated production and packaging line, providing detailed production and weighing information to support total factory control.

Available in both painted body and waterproof specification.

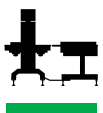
DIMENSIONS



SPECIFICATIONS

Model	DACS-WN-050
Weighing Range	50g ~ 5000g
Weighing Speed (Max) (*)	130 WPM
Weighing Accuracy (*) <small>(Figure in brackets refers to waterproof version)</small>	±2.0 g (±3.0 g)
Minimum Graduation	1.0g
Remote Control Unit (RCU)	Fluorescent Graphic Display
Weigh Cell	Newly designed double-beam strain gauge loadcell
Weigh Conveyors (mm) <small>(Figure in brackets refers to waterproof version)</small>	445 (440) (L) × 410 (380) (W) 545 (540) (L) × 410 (380) (W)
Reject Conveyor (mm) <small>(Figure in brackets refers to waterproof version)</small>	845 (840) (L) × 410 (380) (W) (arm-type)
Height Adjustment Conveyor (mm)	550 ± 50 ~ 1100 ± 50mm
Belt Width	370mm
Product Dimensions	L: 80 ~ 500 mm W: 30 ~ 370 mm H: 10 ~ 300 mm
Zero Adjustment	Continuous automatic dynamic compensation
Number of Presets	100
Structure of Waterproof Machines	IP 65 Approval
Printer	Optional

Note: Specification subject to change without notice. (*) Varies according to product shape and condition.





DACS-WN SERIES

The new modular cantilevered construction of the DACS-WN checkweigher includes a host of innovative, easy to operate features, offering new levels of flexibility, hygiene, speed and accuracy.

NEW FEATURES

The DACS-WN Series offers a number of newly-developed Ishida innovations:

● New Loadcell

A new Ishida developed high-speed loadcell improves sensitivity, response and accuracy.

● New Drive Units and Weigh Conveyor

The light weigh conveyor, enhanced direct drive motor and a unique low friction belt, combine to make the DACS-WN the fastest and most accurate in its class.

● Wide Selection of Belts

For maximum flexibility, a wide range of belt sizes is available to suit the size of individual products, optimizing pack-handling

and product throughput.

● Modular Design

The modular, Pedestal Tower construction of the main body permits easy, on-site height adjustment of the belt conveyors.

The layout of the electronics on a single-layered panel within the vertical tower makes the machine design unique and offers remarkable accessibility for maintenance. This reduces downtime to a minimum.



Remote Control Unit (RCU) and Printer.

● Host Interface (optional)

The checkweigher can be interfaced via a 'DDE' link to many Windows® packages such as Excel® for integration into the end-user's management and control systems.

PROVEN TECHNOLOGY

● Anti-Floor Vibration Mechanism (AFV)

Compensates for external vibration detected by use of a separate loadcell. Maintains maximum accuracy, even on a vibration-intensive installation site.

● Digital Filtering

Permits automatic setting of the filter characteristics to weighing conditions resulting in enhanced checkweigher speed and accuracy.

● Digital Signal Processor (DSP)

In order to handle the many high-speed adding and multiplying computations required for digital filtering, AFV compensation and weigh data processing, a high speed 'DSP' chip has been included. The DSP permits accurate signal processing under a wide range of weighing conditions.

BENEFITS

● Easy to Clean

The robust cantilever construction and quick-release conveyors make cleaning of the machine, and the floor space underneath, extremely simple. Cleaning can be done in a matter of minutes, reducing downtime to a minimum.

● Expanded Presets

100 preset memories are now available for easy set-up parameters.

● Choice of Reject Systems

A comprehensive selection of reject systems is available including:-

- Arm Rejects
- Air Rejects
- Drop Belt Rejects

● Graphic Display

Histograms, bar-graphs, X-bar charts, speed and recent pack weights can be displayed on an easy-to-read fluorescent graphic screen for continuous monitoring of production data.

Ishida, the world leader in weighing technologies, also manufactures a full line of multihead weighers.



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