

DACS-WN-180



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

and high speeds. The DACS-WN-180 combines user-friendly operation with unequalled performance for products up to 18kg and can achieve maximum speed of 84 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.

DIMENSIONS



SPECIFICATIONS

Model	DACS-WN-180-SB
Weighing Range	$180 \sim 18000 \ \mathrm{g}$
Weighing Speed (Max) (*)	84 WPM
Weighing Accuracy (*)	±2.0 g
Minimum Graduation	1.0g
Remote Control Unit (RCU)	Fluorescent Graphic Display
Weigh Cell	Newly designed double-beam strain gauge loadcell
Weigh Conveyors (mm)	650 (L) × 450 (W)
Reject Conveyors (mm)	800 (L) x 450 (W) (push-plate-type)
Height Adjustment of Conveyers (mm)	$500{\pm}50 \sim 900{\pm}50$
Belt Width	400mm
	L: 210 \sim 590 mm
Product Dimensions	W: 250 \sim 400 mm
	H: 52 \sim 450 mm
Zero Adjustment	Continuous automatic dynamic compensation
Number of Presets	100
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.



The DACS-WN Series offers a number of newlydeveloped 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 singlelayered 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.



 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.



Easy to Clean

The robust cantilever construction and quickrelease 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

Roller belt and push plate reject systems are available.

• 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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