



Professional Packaging Systems

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Ishida DACS-GN Checkweigher



At a Glance

- Delivers speed and accuracy without compromising functionality
- Flexible weight capacities
- Test run function checks accuracy

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Fast Accurate Checkweigher

The Ishida DACS-GN Checkweigher incorporates well-established capabilities to ensure precise weight checks of every product, the DACS-GN surpasses quality control standards.

The Ishida DACS-GN top-range checkweigher delivers speed and accuracy without compromising functionality.

Features and Benefits

- Flexible weight capacities, depending on your product, that measure from 600g in 0.5 gram graduations, up to 6000 grams in 2 gram graduations.
- Fail-safe function prevents defective items from being mixed in with products for shipment, even if there is a fault in the connected sorting device.
- Test run function checks accuracy (and metal content if metal detection is provided), so accurate, stable inspection quality can be maintained.
- Features such as a 3D digital filter and the optional AFV (anti-floor vibration) sensor are incorporated, so that any noises and vibrations that may affect the accuracy can be pinpointed and excluded as far as possible.

Please [contact Pro Pac](#) or call 888-318-0083 for your check weighing equipment.

Versatile, High-Performance Checkweigher

The advanced technology of Ishida DACS-GN checkweighers improves performance of any production

line in any manufacturing environment.

The DACS-GN Series of checkweighers utilizes unique and proprietary technology to deliver unbeatable checkweighing accuracy and speed. Data management via computer and easy operating controls boost productivity and line efficiency.

Sophisticated Design Delivers Superior Performance

New High-Output Digital Load Cell Sensor Ishida's D-HOP-LC high-output digital load cells feature enhanced sensitivity over conventional models. The load cell's rigid design allows weight to stabilize quickly, ensuring faster weighing speeds.

Weight Range Versatility Multi-range weighing capacity allows one checkweigher to satisfy a wide variety of product sizes and speeds.

- GN-S015 Series: 600 g (0.05g) 1500 g (0.1g)
- GN-S060 Series: 3000 g (0.2g) 6000 g (0.5g)
- GN-S300 Series: 15 kg (1g) 30 kg (2g)
- GN-S600 Series: 15 kg (1g) 30 kg (2g) 60 kg (5g)

Ultra High Accuracy Force-Balance Sensor Ishida's highly sensitive and durable electromagnetic balance weighing sensor has a maximum capacity of 600 packages per minute and a minimum graduation of 0.01 g. The system is ideal for checkweighing pharmaceuticals, industrial products, and other items requiring accurate high-speed inspection.

New 3D Digital Filter Performs optimal noise elimination. The best filter pattern is selected according to the size of the target, conveyor speed, and target weight to ensure more effective elimination of noise.

AFV (Anti Floor Vibration) Mechanism Reduces weighing errors caused by vibration from the floor. A highly sensitive load cell detects and eliminates noise from floor vibration and other factors that influence accuracy, significantly reducing weighing errors.

Midship Layout Improves responsiveness at high speeds. Ishida's unique design positions the weighing sensor in the center of the weighing mechanism. This layout optimizes the balance of weight placed on the sensor to enable faster, more accurate weighing.

User-Friendly Operation and Data Management

7-Inch Color LCD Screen with Command Dial Select programs and quickly access operator controls by simply turning the command dial while watching the wide color screen. The new control panel provides intuitive operation, reducing production loss due to operator errors while lowering operator training costs.

The command dial signal lamp enables the operational status of the system to be easily checked, even from a remote location.

Standard USB Slot Weighing data can be saved on a USB memory stick or computer. All weighing data can be exported in Microsoft Excel format.

Monitoring and Data Managing System i-Station Link 2 (optional) i-Station Link 2 is Ishida's proprietary data collection and viewing system. This system collects weighing data on a computer and displays real-time production adjustment and line management. This visibility keeps you up-to-date with operation conditions from the office and allows you to use weighing data for analyzing production status from a

host computer.

Supporting Safe and Reliable Production

Integrated Test Mode At any time - without stopping production - the operator can enter Test Mode to check the accuracy and sensitivity of the metal detector (MD) integrated with an Ishida DACS-GN checkweigher. This function prevents the test procedure from disturbing the productivity of the line.

Metal detector check is available on Ishida MD combo unit only.

Durable, Sanitary Design

All checkweighers in the Ishida DACS-GN Series have stainless steel bodies that are durable, easy to clean, and compliant with HACCP and GMP standards to facilitate plant sanitation procedures.

All Stainless Steel Construction Stainless steel bodies provide superior corrosion resistance, and promote fast and thorough cleaning.

Open Frame Design The stainless steel open frame design with circular pipe legs prevents unsanitary build-ups of dirt and product, and provides convenient access for cleaning.

Waterproof Construction with IP69K Rating Superior waterproof design can withstand high pressure washing with hot water at 80°C (176°F). Suitable for use in meat, dairy, and seafood processing applications, and other demanding environments.

Dislocation Force Limiter for Sensor Protection Ishida's proprietary Dislocation Force Limiter dissipates the impact when external loads exceed a maximum threshold, preventing damage to weighing sensors.

Designed for Flexible Operation

- Adjustable belt surface height
- Belt height can be adjusted to one of four settings
- Switch weighing capacity and minimum graduation
- Switch between grams and ounces
- Metal detection

Combination checkweigher/metal detector units provide additional quality control in one space-saving system.

Fail-Safe Prevention of Inspection Errors

Enhanced Fail-Safe Even if a rejecter breaks down, Fail-Safe rejects all products out of the system so that NG products do not get mixed in with the OK products and pass through.

Support Function Reduces Human Error

Pre-production inspection guidance The start-up procedure and regular maintenance check-points are guided on the display to reduce human errors and promote a standard procedure.

User Account and Operation Log Management User log in and operation logs are automatically saved. This process prevents improper operation by unauthorized persons and manages a safer production line.

Simple Set-Up Improves Productivity

Easy Preset Settings Preset registration for products is made easier with one-screen guidance, making set-up simple and accurate for all operators.

Adjustable Settings On-the-Fly Settings can be altered during operation, reducing influences from

machine adjustments to a minimum and contributing to a more stable manufacturing environment.

Batched Preset Setting Information input into a computer beforehand can be transferred through a USB to the DACS-GN checkweigher, reducing the load onsite especially when there are a variety of products.

Flexible System Configuration for Use on Any Production Line

The Ishida DACS-GN Series of checkweighers features a variety of customizable system options including weighing sensors, weighing capacity, conveyor size, remote control, and durability specifications. Select the optimum product configuration for your production line.

Rejector Systems

A variety of rejection systems are available to suit different products and production lines.

- Arm Rejector
- Air Jet Rejector
- Drop Belt Rejector
- Drop Up Belt Rejector
- Fin Rejector
- Drop Flap Rejector
- Push Plate Rejector

Ishida DACS-GN Checkweigher Options

Twin Cell Model Everything from small packets to long items can be weighed on the same line.

Printer A printer attached to the control unit provides hard-copy data of shift production.

Feedback Control Corrective control signals from the checkweigher to an upstream auger filler improve production efficiency.

Standard Weight Range Update Automatically updates standard weight range according to the current average proper weight, ensuring that inspections are not affected by fluctuations in product weight.

Random Checks A single checkweigher can conduct product inspections for mixed lines that have products of different sizes, weights, and shapes.

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