

Fast, Accurate, and Automatic Filling, Weighing, Counting, and Packaging



The ideal entry-level, single scale, automatic netweighing system for either production runs or small projects! To achieve optimum accuracy, the vibratory feed pan includes two-speed bulk and dribble feeding and an adjustable gate in the supply hopper allows uniform control and distribution of bulk product onto the feeder pan. This tabletop design is controlled by a state-of-the-art, commercially available PLC controller.

- Foods - fresh, frozen, dried
- Coffee
- Electronic components
- Candy
- Grains
- Pills
- Plastic Parts
- Seeds
- Metal screws, nails, parts, etc.
- Many others - any free-flowing dry material
- Nuts and trail mix

WEIGHT RANGE

F-100: Less than 1 oz to 5 lbs (several grams to 2.3 kg). Determined by density of product.

F-100X: 5 lbs to 20 lbs (2.5 kg to 9 kg). Determined by density of product.

FILLING OPTIONS

Use for filling your product into bags, boxes, bottles, and any other containers. Filling can be done either automatically or by foot pedal. Custom built discharge funnels available for different package sizes.

AMAZING VERSATILITY

Almost any dry product runs with 0.5% accuracy. Rugged, precision stainless steel construction. Supply hoppers and weight hoppers can be quickly removed for immersion cleaning. Fast, easy changeover allows the user to run multiple products.

PRODUCT SUPPORT

Tridyne tests your products and sets up all initial parameters before shipping. Simply plug the system in and run. Tridyne also encourages you to visit the factory to take advantage of free machine training prior to shipping. Complete, easy-to-understand user manual and unlimited, free telephone support make the F-100 a risk-free choice.

- ★ Over 75 Different Configurations
- ★ Easily Interfaced With Any Packaging Machinery
- ★ Free Product Evaluation
- ★ Unlimited Telephone Support

Serving the packaging industry for over 40 years.

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Tridyne
PROCESS SYSTEMS

Model F-100

User Programmable Logic Controller (PLC) stores nine jobs in non-volatile memory with automatic storage and retrieval.

PLC CONTROLLER

State-of-the-art Model 1000 PLC Controller allows you to enter over 6 different parameters for each of up to nine jobs and maintains them in memory until you wish to alter them.

DISPLAY

6-inch monochrome LCD display (color available) with integral touch screen features multiple functions and is designed for user-friendly operation.

CONTROLS

This commercially available PLC controller has given amazing versatility to F-100 owners. Simple set up and quick change over with no complicated menus or commands to learn. Includes easy switch over from grams to ounces. The F-100 is easily interfaced with any other packaging machinery such as baggers, conveyors, etc. Settings for multiple dumps per bag/container, reject for overweighments, and purge option to empty the supply hopper provide users with great flexibility.

System Specifications

STANDARD CAPACITIES:

F-100: Up to 5 lbs

F-100X: Up to 20 lbs

SPEED: Up to 20 dumps per minute
(depending on weight/size/density)

DIMENSIONS:

F-100: 16"W X 28"D X 27.5"H
(excludes control enclosure)

F-100X: 23"W X 27"D X 33.5"H

POWER REQUIREMENTS: 115 VAC, 60 hz

AIR REQUIREMENTS: 60 PSIG

SUPPLY HOPPER CAPACITY:

F-100: 1.75 cubic ft

F-100X: 3 cubic ft

CONSTRUCTION: Stainless Steel

DISPLAY INDICATORS: Shows the
"UNDER," "GOOD," and "OVER" weight status

ACCURACY: 0.5% of system capacity

LOAD CELL: Strain Gauge

MEMORY: Non-Volatile, User Programmable.
Retains parameters up to 9 job sets

INFORMATION DISPLAY/KEYBOARD:

6 inch monochrome LCD display (color available) with integral touch screen

SHIPPING WEIGHT:

200 lbs (basic machine)



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