

VALIDATOR

Packaged Bread Verification System by BSI

Model VIM-80

- Check weighing
- Ink jet printing interface for date coding
- Validator controller with full function keyboard
- Completely adjustable support structure with overload protection and safety tip weigh conveyor

SPECIFICATIONS:

- Rates up to 80 items per minute
- Resolution 0.01 OZ
- Repeatability 0.1 OZ
- Capacity Up to 100 OZ



Our goal is to help our customers achieve their business objectives in a timely, cost-effective manner. The Validator Packaged Bread Verification System manages multiple tasks in order to ensure packaging line quality.

Accuracy

Bakery Systems, Inc. embraces industry standards that support the baking process and has developed the Validator Packaged Bread Verification System to monitor the weight of each loaf of bread before leaving your bakery.

Design and Productivity

The Validator is an in-line, in-motion checkweighing system, which based on customer needs has been designed to fit behind a conventional bread wrapper. The unique in-motion checkweighers uses a high speed high accuracy weigh cell. One hundred percent weight sampling is provided without operator intervention. The Validator's weigh mechanism is specially designed to filter out adverse effects created by the bakery packaging environment, resulting in fast response time and accurate weights.

Functionality

The Validator is capable of interfacing with many different ink jet printers used commonly for bread packaging and requires only that the printer be equipped with an RS-232 communications port. The Validator controller can also connect with existing printers with no operator manipulation of the printer.

BSI Bakery Systems, Inc.

VALIDATOR

Packaged Bread Verification System by BSI

Weight Verification

The Validator monitors the weight of each loaf of bread prior to leaving your bakery. As the packaged bread exits the wrapper, the loaf is pushed on the weigh conveyor and a high speed high accuracy weighment is made. The existing conveying equipment moves the package downstream. A Validator controller monitors the process as well as sends the real time weight data to a pc.

Overbake Prevention

A single Validator or multiple Validators packaging for the same label recognize how many loaves were ordered by sales, and while the loaves are being processed, the total is continuously updated. When the next label change is required, the Validator can be set to signal the operator to change bags.

Bake Out Loss Calculation

The Validator monitors the packaged weights of every loaf and variety, and using statistical calculations is able to recommend a divider weight that will yield more accurate packaged weights. When used in combination with our Dough Saver Weighing System the divider weights are verified, allowing an accurate bake out loss to be calculated. The new divider weights are then automatically uploaded to the Dough Saver to control the divider scaling.

Hands-Free Label Recognition

The Validator uses a wide area laser scanner to read the UPC code printed on the package. As a new label passes the Validator, the corresponding information is loaded from the controller's memory. When a new label is recognized, a label counter is initiated to keep a running total of each product produced. The Validator's controller display the average weight of the product.

Ink Jet Coding

The Validator is capable of storing the print codes for up to 1000 different labels. When the Validator scans a new UPC code the message that is transmitted to the printer is updated. The Validator also allows the operator to select the sales day used to calculate the "Best If Sold By Date" to be printed.

Validator Data Management

Up to 32 Validator or Dough Savers are able to interface with the Data Management PC computer. The PC software allows a supervisor to add or edit any of the Validator's product parameters and then transmit changes to all of the online Validators. The Validators respond back to the PC to keep a record of each loaf weight, label count, and other essential information.

Model VIM-80



Optional Hardware:

- Bar code scanner for automatic product change over
- Reject mechanism for out of tolerance loaves
- Ink jet printer interface
- Check manager data reporting software
- Desktop PC

BSI Bakery Systems, Inc.