

MACHINE AND EQUIPMENT · PRODUCT DATASHEET

iBlend ECO 5G

The SPEC iBlend ECO automated liquid dispensing system is the most accurate and compact dispenser for printers to gain an edge in today's competitive marketplace. The system...



CATEGORY	Machine and Equipment
SUB-CATEGORY	Ink Mixer
AVAILABILITY	1 in stock
MANUFACTURED	Sep 2, 2025

Description

The SPEC iBlend ECO automated liquid dispensing system is the most accurate and compact dispenser for printers to gain an edge in today's competitive marketplace. The system precisely controls the dispensing of ingredients with accuracy to 2 grams (0.5 grams with optional high resolution scale) to provide excellent formula repeatability from batch to batch and serves as a complete inventory management tool. The system handles everything from formula storage, to batch dispensing, to job costing, production reporting, and inventory control. Batches are quickly dispensed as needed. Batch sizes can range from a cup for lab applications up to 3.5 or 5 gallon buckets for higher production operations. The software includes raw material and finished inventory control. It automatically checks finished material inventory each time a batch is requested and lists available containers of that finished material or others that can be modified to make the current formula requested. The user can choose to use one or more of these finished materials or make the batch from all virgin raw materials. Since the iBlend ECO is a closed system, the work area is a much cleaner working environment. Personnel are freed from the old methods of manual batch preparation.

Technical specification

Key Benefits:

- Single point dispensing into small containers
- Low maintenance design - No tools required to exchange valves
- Accurate to .5 grams with optional high precision scale
- Compact size - Requires less than approximately 9ft. (2.7m) x 5ft. (1.5m) of floor space
- Up to 16 raw materials
- Estimated batch speed for a 1-gallon (2-liter) jug with four ingredients: 2-3 minutes!
- Quick return on investment
- Reduction of waste associated with spillage, weighing inaccuracy, and over production.

SPEC iBlend Management Software

SPEC iBlend Management System software is the most comprehensive dispensing system software available. The software is written for Windows PCs and is available for use with VB or SQL databases. The software is designed for ease of use with a mouse for point-and-click operation and provides complete inventory management and production reporting functions, in addition to automated dispensing. The software is divided into several main categories including:

- File Maintenance (for input of raw materials, customers, VOCs, etc.)
- Formula Maintenance (for input and editing of formulas)
- Production Control (for all production related functions such as dispensing, toning, returns, etc.)
- Inventory Control (for all functions relating to raw material inventory, container levels, physical inventory, etc.)
- Reports (to view or print any one of over 60 inventory, productions, and costing reports available on the system)

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