

ECONOMICAL. COMPACT. ON-TARGET.

iBlend ECO



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.

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 PC's 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, VOC's, 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)

ADDITIONAL PRODUCTS AND SERVICES

- Custom mixing and blending systems
- Mixers for Buckets, Drums, & Totes
- System Upgrades & Retrofits
- Complete electronic control systems
- Custom weight control stations
- Tank level monitoring and control systems
- Bulk storage and pumping systems
- Motor starter/Drive panels
- PLC programming
- Conveyer systems
- Custom piping and liquid transfer systems
- Custom software programming
- Inventory control systems
- And much more...

ABOUT SPEC

SPEC was formed in 1989 by a group of engineering and technical specialists. This group has worked together providing factory automation, systems integration and software development for over 25 years.

SPEC systems are fully designed, manufactured, programmed, installed and supported from our offices in the United States.

SPEC is structured for lower overhead and improved responsiveness by using highly experienced technical staffing in direct contact with customers. Involvement starts during the sales analysis of requirements and continues through implementation, start-up and training, and an unparalleled level of service and support for the life of the system. This provides a seamless, cost-effective solution while insuring an accurate implementation of the project.

SPEC is focused on bottom line customer satisfaction. We understand the importance of customer response and take



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