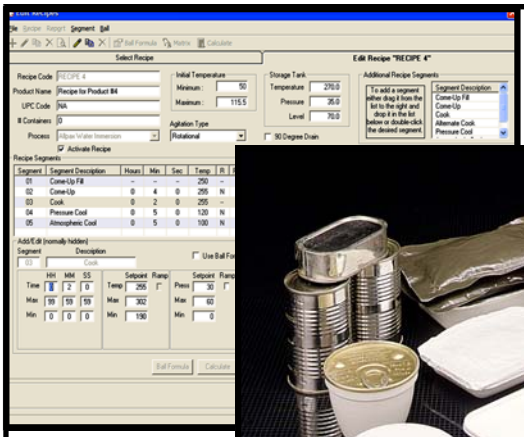
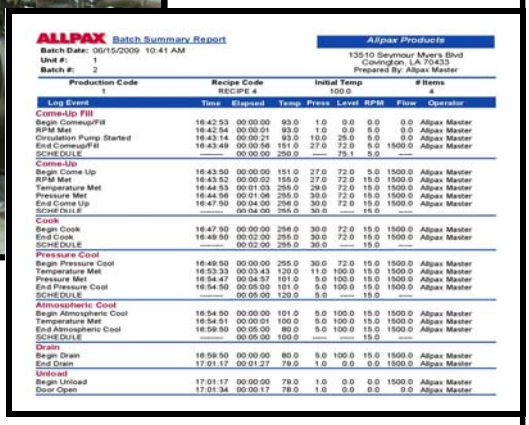
MONITOR
Retort Host System





DESIGNED BY FOOD SCIENTISTS

The Allpax **MONITOR** system was developed by the food scientists and food process professionals at Allpax for the purpose of insuring that each of our customer's products are processed to exact sterilization specifications. The system uses a host computer (a Dell PC) that stores product-configurable recipes. These recipes define the process parameters to be followed, with settings to automatically correct for process deviations. [The system accommodates process calculation methods for determining process times, including **Ball Formula**, **mathematical methods**, and the **table-lookup** method.]

ACCEPTED BY FDA & USDA

The Allpax Retort Control System has been reviewed and accepted by both U.S. regulatory agencies. It meets or exceeds the requirements of 21CFR Part 11 including electronic data fingerprinting, audit trails, and secure operator access restrictions.

STEP-BY-STEP - ALL PROCESSES

The **MONITOR** system is parameter driven. The recipe parameters are configured for each processing step (come-up, cook, pressure cool, etc.) to control all valves automatically. Each processing step is defined by the time in the process step and the critical factor set-points. The Allpax **MONITOR** system approach gives the processor total flexibility to ramp or stair-step temperatures and pressures during the process.

MONITOR SYSTEM FEATURES

Available with new Allpax retorts, or as a retrofit to an existing retort.

MONITOR software utilizes Microsoft's SQL Server for centralized data persistence allowing for the scheduling of complete database backups.

Unlimited recipe scheduling to retorts with

- ☑ Up to 50 configurable recipe segments per process with segment editing features for user friendly recipe creation.
- ☑ Comprehensive Reporting for batch logs, deviations, alarms, recipes, and trends.
- ☑ Robust electronic data fingerprinting.
- ☑ Security configurations with privileges explicitly assigned to each user.
- ☑ All Host transactions are tracked per user with transaction logs and reports created.
- ☑ Multiple pens selectable for trending critical factors of each batch process.
- ☑ Process data can be archived to streamline retrievals with immediate central access.

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