



## MEDIA RELEASE

# Allpax Retort Shortens Development Time for Shelf-Stable Foods

*The 2402 multimode retort becomes the multifunctional device for developing new or enhanced food products and for quickly scaling up to production.*

**COVINGTON, La., August 30, 2019** – [Allpax](#), a product brand of [ProMach](#), features at Pack Expo, Sept. 23-25 at the Las Vegas Convention Center, the capabilities of the 2402 multimode retort for developing new, innovative shelf-stable foods and for enabling rapid ramp-up to production scale operations. Following Pack Expo, the show unit will be delivered to one of Allpax's latest customers, the [North Carolina \(NC\) Food Innovation Lab](#). (Allpax Pack Expo Booth #C-3416)

“The NC Food Innovation Lab is a current Good Manufacturing Practices (cGMP) pilot plant that accelerates plant-based food research, ideation, development, and commercialization,” said Dr. William Aimutis, executive director of the NC Food Innovation Lab. “The 2402 is one tool that allows this facility to offer a variety of capabilities and flexibility.”

The 2402 multimode retort purchased by the NC Food Innovation Lab and on display at Pack Expo features rotary and horizontal agitation and saturated steam and water immersion modes. This retort also features the new pressure profiler from Allpax. The pressure profiler delineates cook and cooling process parameters that ensure package integrity by minimizing package deformation and stress during the sterilization process.

The large number of process combinations and profiles available from the 2402 multimode retort delivers the capability to develop entirely new product categories or refresh existing products with improved quality and taste. Customers may order all or any combination of modes, which include:

### Process Capabilities

- Saturated Steam
- Full or Partial Water Immersion
- Steam-Air Overpressure
- Water Spray w/ Overpressure
- Water Cascade w/ Overpressure

### Agitation Capabilities

- Static
- End-over-end agitation
- Rocking
- Gentle Motion - horizontal/reciprocating agitation
- Shaka Process® - high-speed horizontal/reciprocating agitation
- Axial rotation (rotary sterilizer simulation)
- Hydrostatic sterilizer simulation



Changeover between modes is accomplished via software and/or hardware. The 2402 processes all types of packaging including metal or plastic cans; glass or plastic bottles; glass jars; plastic cups, trays or bowls; fiberboard containers; plastic or foil laminate pouches, etc.

Each 2402 is equipped with the production version of Allpax control software, which is FDA 21 CFR Part 11 compliant for recipe editing, batch logs, and security functions. Using the same control solution for lab and production units ensures internal production operations and copackers can accurately replicate process parameters.

The 2402 multimode retort is a compact unit requiring a minimum of floor space. It can be purchased or leased. Stop by the Allpax exhibit at Pack Expo #C3416 to learn more about the innovative 2402 multimode retort. Call 888-893-9277 and visit Allpax at [www.Allpax.com](http://www.Allpax.com) for information about the company's shelf-stable food sterilization products and services.

### About Allpax

Allpax, a product brand of ProMach, is a global leader in the design and fabrication of food sterilization (retorts/autoclaves) and material handling automation equipment and systems for the low acid, shelf-stable food, beverage and pharmaceutical/nutraceutical industries. Allpax is a full-service provider to both small and large multinational processors. Allpax offers everything from pilot retorts to stand-alone retorts to fully automated batch retort systems, as well as support for existing systems, including audits, repairs, rebuilds, retrofit control systems, replacement parts, and expert field support services, including a full range of thermal process support services. Learn more about Allpax at [www.Allpax.com](http://www.Allpax.com).

### About ProMach

ProMach is a family of best-in-class packaging solution brands serving manufacturers of all sizes and geographies in the food, beverage, pharmaceutical, personal care, and household and industrial goods industries. ProMach brands operate across the entire packaging spectrum: filling and capping, flexibles, pharma, product handling, labeling and coding, and end of line. ProMach also provides Performance Services, including integrated solutions, design/build, engineering services, and productivity software to optimize packaging line design and deliver maximum uptime.

ProMach designs, manufactures, integrates, and supports the most sophisticated and advanced packaging solutions in the global marketplace. Its diverse customer base, from Fortune 500 companies to smaller, privately held businesses worldwide, depends on reliable, flexible, technologically advanced equipment and integrated solutions. ProMach is headquartered near Cincinnati, Ohio, with manufacturing facilities and offices throughout the United States, Canada, Mexico, Brazil, Europe, United Arab Emirates, and China. For more information about ProMach, visit [www.ProMachBuilt.com](http://www.ProMachBuilt.com).

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