With the ALP System you're not limited
to one particular container design

If you're still buying empty plastic containers for aseptic and sterile packaging, here's a system that can save you a considerable amount of money... the Automatic Liquid Packaging Blow/Fill/Seal System. With this system you eliminate the ordering, transporting, warehousing, handling, cleaning and sterilization of empty containers. You reduce direct labor costs and eliminate filling and capping equipment. Best of all, you do this automatically with one integrated system.

The ALP Blow/Fill/Seal System takes granular pellets of virtually any blowable thermoplastic material; extrudes, blow molds, fills, and seals in one continuous operation. By combining the container fabrication process with aseptic filling and sealing, the original cleanliness of the package is assured. The system is available in three basic models depending on your needs.

Practically any package size or design from .2 ml to 1000 ml can be molded with the ALP process and a wide variety of tamper-resistant closure designs can be incorporated. For even greater versatility, injection molded components such as eye dropper tip and cap assemblies, rubber stoppers, spike fitments and tubing connectors can be top insert molded prior to hermetically sealing the container.
The total system for aseptic packaging

For over 20 years Automatic Liquid Packaging has been committed to the creative application of high technology in automatic packaging of liquid products for the pharmaceutical and healthcare industries. The system described within this brochure reflects our commitment to the most advanced liquid packaging available today.
Two versatile models produce containers from 0.2ml to 1000ml

Model 624: 0.2ml to 200ml containers
Model 603: 150ml to 1000ml containers
Production output from 900 to 9000 units per hour depending upon size and container design. See specification sheets for each model.

MACO 8000
Touch Control System

ALP machines feature an advanced communication protocol and a unique touch sensitive CRT operator station. Storage of all operating control parameters is provided by EEPROM solid state cartridges which plug into an insta-set module with safety interlocks. A 24:1 thermoplastic extruder with D.C. drive has infinitely variable speeds and individually controlled heating and cooling zones for consistent extrusions.

In-Place Steaming and Filter Integrity Testing

The entire ALP system including all elements of the product flow path and air sources needed to form or mold the containers, is steam sterilized with filters in place. A recorder can be connected to strategically placed thermocouples and provide printed documentation of the sterilization. The integrity of the filters can also be checked and recorded.

All Stainless Steel Construction

All ALP systems are precision machined in our CNC equipped production facility.
ALP Engineering and Design ... From Concept to Market

Whether your needs are for a redesign of an existing package or a completely new design, ALP's creative engineering staff can provide you with a container to fit your needs.

Utilizing the latest in CAD/CAM computer technology, our designers work with you from concept through configuration design, prototype testing, stability studies and sample runs, to a finished product ready for market.

Mold Making

Working from your drawings or ours, ALP's skilled craftsmen can make any container mold in our fully equipped production facility. A family of different container sizes can be produced by changing mold inserts.

The machine will accept a variety of molds for different applications. Labeling costs can be eliminated by engraving the container mold with product information. Individual coding pins are used for lot and expiration data.
**Contract Packaging**

ALP's 190,000 square foot FDA approved facility in Woodstock, Illinois is designed and constructed for the contract packaging of liquid products for the pharmaceutical and healthcare industries. Should you wish to avoid an in-house packaging operation, our Woodstock facility can fill your needs.

---

**Fully Equipped Chemical and Microbiology Labs**

ALP's modern laboratories provide continuous monitoring and testing. Highest standards in the industry assure product quality and efficacy.

---

**Packaging - Processing**

Bid on Equipment

1-847-683-7720

www.bid-on-equipment.com
ALP ANNOUNCES
TWO GIANT STEPS
TOWARD "CLOSED SYSTEM"
STERILE PACKAGING

PROOF POSITIVE
PUSH-BUTTON STEAM
STERILIZATION SYSTEM
Preprogrammed sequential push-button operation prevents operator error.

ALP Blow/Fill/Seal Packaging System has taken a quantum leap in the pursuit of sterile production excellence. Now the entire sterile fluid product pathway and sterile air pathway is steam sterilized in place with the "push of a button". Sterilization process is preprogrammed with mistake-proof step-by-step sequences that include product and ballooning/blowing air filtration systems. The complete steam sterilization process is automatically recorded with locations, time, temperature, date and duration. Design to reduce the contamination potential in a critical area of sterile production.

AUTOMATIC AIR FILTRATION SYSTEM FOR FILL NOZZLE ENVIRONMENT

A new continuous air filtration system protects the fill nozzles. High efficiency particulate air filtration system (HEPA) with-in a protective canopy maintains the integrity of the air around fill nozzles. Hazards associated with airborne particulate matter are reduced or eliminated. The ALP continuous air filtration system is another assurance for sterile finished product.