

# TABLE TOP PLASTIC SYRINGE & MINI BAG FILLING SYSTEMS

## Filling Solutions for 503A and 503B Facilities



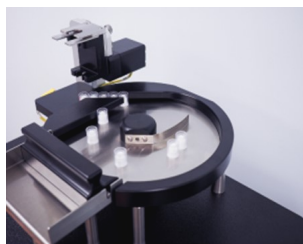
*Cargin Pharmacy Technologies provides quality, proven and accurate tabletop equipment for filling and capping of plastic syringes and mini bags. From a repeater pump process for manual filling to a semi automated filler and capping station integrated with robotics, Cargin offers a variety of filling options to choose from to meet your USP <797> requirements.*

### MODEL LP ROTARY PERISTALTIC PUMP

Pump



Auto capping



LAFW capable



### MULTIPLE APPLICATIONS / EASY OPERATION

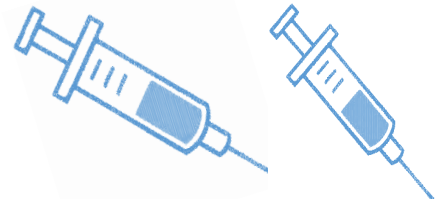
- **Syringes, mini bags, vials and bottles** can all be filled in just a few steps.
- **The Model LP is easy to integrate** with capping technology, creating a pump and cap station for your syringe filling needs. Fill needles, fill adapters, holders, bag hangers, source bags and containers, vial and bottle fixtures, as well as optional check weighing.
- **Portable:** This compact machine is lightweight, takes up minimal space, and fits nicely in most LAFW units.
- **Quiet:** Low noise (less than 80dBA).
- **Easy Controls:** Touchscreen controls make the LP model straight forward to operate. Start/Stop, adjust output volume, prime tube, and more directly from one screen.
- **Customizable:** Choose your pump head and accessories to create the filling system.
- **Interchangeable pump heads** enable quick changeovers.
- **Disposable fluid path**

### OUTPUT ACCURACY:

- +/- 1% above 2mL
- +/- 5% at 0.5mL
- +/- 10% at 0.2mL

### FLOW RATE:

- Flow rates of up to 11.6mL per second with a 16G needle



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# CHOOSE YOUR CONFIGURATION AND OPTIONS

## SYRINGE TOWER (LAFW compatible)



- ◆ Single uncapped syringe is manually placed in syringe holder tip up
- ◆ Draw up fill into syringe
- ◆ Manual cap placement
- ◆ Fills syringes from 1ml to 60 ml
- ◆ Filling speeds up to 400 syringes per hour
- ◆ Can be integrated with robotic handling
- ◆ Mini IV bag filling is also possible
- ◆ Changeover less than 15 minutes
- ◆ Sterile disposable fluid path

## INTEGRATED ROBOTICS (optional)

### LIGHTWEIGHT FLEXIBLE ROBOT

- \* Collaborative and safe
- \* Easy programming
- \* Fast set up
- \* Precision handling for complex applications
- \* Flexible deployment
- \* Space-saving design
- \* Simple touchscreen interface
- \* “Plug-and-Play” set up
- \* Stationary or mobile platform
- \* Tooling and grippers
- \* Tray and component positioning
- \* Vision inspection option



## SMART FILLER PLUS w/automated cap bowl



- Uncapped syringes placed on infeed track tip down
- Tip caps placed in cap feeder
- Draw up fill into syringe
- Tip cap applied after fill
- Missing cap detection
- Can be integrated with robotic handling
- Fills syringes from 1ml to 60ml
- Filling speeds up to 1000 syringes per hour
- Changeover less than 15 minutes
- Disposable change parts for fluid path
- Designed to be operated under laminar flow conditions

## SMART FILLER (EU style)



## SMART LABELER



- ◇ Print and apply
- ◇ Flexible formats
- ◇ Wrap or Flag label
- ◇ Mini Bag Label
- ◇ Thermal transfer printing



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