



TECH SPECS

# Servo/Fill®

**LOW COST, HIGH QUALITY  
MODULAR AUTOMATIC LIQUID FILLING SYSTEMS**

## Improve Your Filling Line Productivity with a Servo/Fill® System

- Increase your uptime.
- Fill free flowing to very viscous products on the same machine.
- Fill wide range of container shapes in volumes from 15 mL to 5 gallons on the same machine.
- Fill at speeds up to 100 per minute.
- Expandable as your business grows.

## Buy an Oden Liquid Filler "Risk Free"

For added value Oden takes the 'risk' out of buying a liquid filler. You will receive written performance guarantees for each product submitted for free product testing.

Guarantees in machinery rate speed, accuracy and no-drip machine performance.

Send us your products and containers and take advantage of this free service. Call today to make arrangements.

Phone: 800-658-3622

Phone: 716-874-3000

Email: sales@odenmachinery.com



Modular design concept allows for the full automation of new or previously purchased Servo/Fill® benchtop liquid fillers.

## STANDARD FEATURES:

- Four line x 20 back lit LCD display with easy use function keys housed in sealed NEMA 4 stainless steel enclosure.
- Simple electronic control of no-drip product cut-off.
- Easy operator interface access to all automation functions including conveyor speed and container indexing. PLC includes built-in line management system to detect missing containers, or backup from downstream equipment.
- Non-volatile memory storage of all machine setup data, with one-key "recipe" loading for 50 product set-ups.
- Indexing system includes permanent reference scales for easy and repeatable set up.
- Bottom-up filling system features no-tool set-up, 14" adjustable dive distance and nozzle kickout safety system. Permanently attached reference scales for easy, repeatable set-up.
- Sanitary stainless steel conveyor 10' long with 6" Delrin chain and variable speed DC motor drive. Includes four guide rails with no-tool adjustment hardware.
- Fluid flow pathway consisting of a stainless steel reservoir with stand, cover and ultrasonic level control system; Oden designed CleanGear® sanitary gear type pump and Oden GEN2 316L stainless steel positive shut-off nozzle. Sanitary tri-clamp construction.
- Oden designed CleanGear® pump flow rates from 1.5 to 6.0 GPM with interchangeable gear sets.
- Expandable up to four filling positions.
- Servo/Fill® benchtop fillers can be operated independently from automation package for



# Servo/Fill®

## MODULAR AUTOMATIC LIQUID FILLING SYSTEMS

**Increase your  
filling line  
productivity –  
call us today!**

**We want to work with you  
to increase your filling line  
productivity.**

Our innovations in liquid filling  
and blending technologies will  
help:

- Increase your uptime.
- Reduce labor costs.
- Prepare for future needs.

**Servo/Fill®  
Benchtop  
Liquid Filler**



### **AIR AND ELECTRICAL REQUIREMENTS:**

Air Requirements: 80 PSI @ 2 SCFM

Electrical Requirements: 115-120 VAC 50-60 Hz.

### **OPTIONAL FEATURES:**

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| <p>a. Servo/Fill® heavy duty models available for very viscous products. Heavy duty models can be equipped with Waukesha Universal Series sanitary lobe pumps or with Sine pumps.</p> <p>b. Extensive custom automation functions and controls for solutions to unique liquid filling problems.</p> <p>c. Explosion proof (hazardous location) construction to Class 1, Division 1, Group D standards using the X-purge method.</p> <p>d. Automatic nitrogen purge to reduce or eliminate entry of oxygen into the product during filling.</p> | <p>e. Air pulse assisted product cut-off system.</p> <p>f. Vacuum aspiration for no-drip subsurface filling.</p> <p>g. Stainless steel product reservoirs from 2 gallon to 58 gallon capacity.</p> <p>h. Stainless steel sanitary conveyors in any length and in widths up to 12".</p> <p>i. Sanitary (solid top, 1-1/2" raised chain bed) stainless steel conveyors in any length and in widths up to 12".</p> <p>j. Servo controlled timing screw system for difficult containers such as soft ovals.</p> |
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#### **Oden Machinery**

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