



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 incorporate 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 or 716.874.3000. Email: sales@odencorp.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 backups, 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 small batch runs.



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.

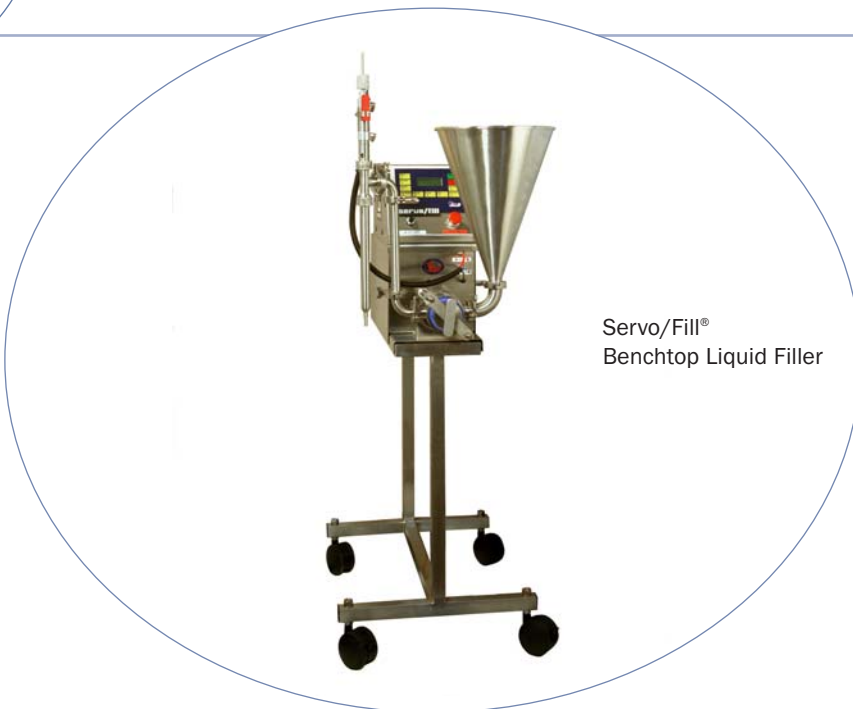
Oden Corporation

199 Fire Tower Drive
Tonawanda, NY 14150
www.odencorp.com

Phone: 800-658-3622

Phone: 716-874-3000

Email: sales@odencorp.com



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:

- 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.
- Extensive custom automation functions and controls for solutions to unique liquid filling problems.
- Explosion proof (hazardous location) construction to Class 1, Division 1, Group D standards using the X-purge method.
- Automatic nitrogen purge to reduce or eliminate entry of oxygen into the product during filling.
- Air pulse assisted product cut-off system.
- Vacuum aspiration for no-drip subsurface filling.
- Stainless steel product reservoirs from 2 gallon to 58 gallon capacity.
- Stainless steel sanitary conveyors in any length and in widths up to 12".
- Sanitary (solid top, 1-1/2" raised chain bed) stainless steel conveyors in any length and in widths up to 12".
- Servo controlled timing screw system for difficult containers such as soft ovals.
- Neck capture system for positive container neck centering prior to fill.
- Standard and customized fill area safety enclosures.

Oden Corporation maintains a constant program of product improvement which may affect design and/or specifications. We reserve the right to make these changes without prior notice or liability.

Servo/Fill is a registered trademark of Oden Corporation. CleanGear is a registered trademark of Niagara Pump Corporation.