

Servo/Fill®

Volumetric Filling Systems



Only Oden offers such an advanced high quality system at such a low price

Servo/Fill®

LOW COST LIQUID FILLING SYSTEMS... THE PERFECT MIX OF QUALITY AND VALUE ONLY FROM ODEN

Oden Corporation, the technology pioneer in liquid filling, sets the world standards in volumetric and net weight liquid filling systems.

Now the Oden heritage of high quality, advanced technology, and superior reliability is available to you in a low cost liquid filler - the SERVO/FILL® Liquid Filling System.

SERVO/FILL liquid fillers are available as benchtop units, fully automatic modular systems for the automation of new or previously purchased benchtops, and fully automatic integrated base systems.

Whatever your liquid filling application, the new SERVO/FILL offers unparalleled flexibility and versatility to meet your needs today and tomorrow.

BECAUSE IT'S ODEN

It's better by design

- Rugged, compact and portable
- State-of-the-art servo electronics and controls
- Accuracy to $\pm 0.5\%$ or better, dependent upon dose size and type of product
- 316L stainless steel positive shut-off nozzle for clean, no-drip product cut-off
- Quick clean-up and no-tool changeover
- Precision, fast filling and superior accuracy
- Built-in expansion capability, up to four fill positions on the fully automatic modular system and up to ten on the fully automatic integrated base system



It's the pump that makes the difference

- Oden designed and patented CleanGear[®] stainless steel gear pump
- Rotary motion, positive displacement
- Only two moving parts - it's simple and durable
- Tool-less design for easy pump installation, removal and cleaning/tear down when necessary. Pump ports can be oriented horizontally or vertically, allowing for free draining
- Meets the requirements of 3-A Sanitary Standard 02-09 (Authorization No. 1090)



It's ideal for all your product applications

- Personal care
- Household
- Food Processing
- Petroleum
- General Industrial
- Chemical Processing
- Pharmaceutical
- Biomedical

Oden gives you the power of affordable technology

Only from Oden can you expect the perfect mix of quality and value. We offer our customers over two decades of liquid filling technology innovation. Now this heritage is embodied in the SERVO/FILL low cost liquid filling system.



- Servo drive allows variable digital control of the pump speed up to 500 RPM which provides up to 6.0 GPM in flow
- Option for interchangeable gear size with 3.0 GPM capacity

We have the design and engineering expertise to help you solve your toughest liquid filling challenges. If your requirements are atypical, customized SERVO/FILL liquid filling systems can be built to meet your specialized application needs or industry standards.

It's smart

- State-of-the-art dual Microprocessor/PLC based electronics
- Easy operator access to every filler control function
- Easy stored recipe driven set-ups for 50 products
- Easy, repeatable product and container changeovers
- Volume adjustment is "on the fly"
- Benchtop and fully automatic modular systems equipped with easy to use back lit LCD display

We also understand the importance of high quality machinery backed by high quality service. You can count on Oden for responsive service to meet your needs. We have an experienced in-house sales staff and representatives worldwide to assist you wherever you are located.

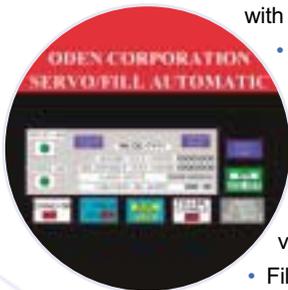
Put Oden technology to work for you

Contact us today for more information on the SERVO/FILL[®] low cost liquid filler or any of Oden's volumetric and net weight liquid filling systems. We are eager to demonstrate the advanced technology and commitment to service you can get only from Oden.

- Fully automatic integrated base systems equipped with graphic color touch screen display

It's versatile

- Fills a wide range of products at volumes from 1/3 ounce to 5 gallons
- Fills free flowing to viscous products
- Fill extremely viscous products with the heavy duty SERVO/FILL[®] HD package, available for all configurations
- Wide range of optional features to meet your needs, including Wright Pump and Waukesha Universal series sanitary lobe type pumps
- Benchtop and fully automatic systems are available in Class 1, Division 1, Group D explosion-proof configuration
- Patented NET/MASS[®] net weight filling capability. By addition of Coriolis mass flow meters, system can be operated in a net weight mode



FAST DELIVERY

- Ten days on SERVØ/FILLBENCHTOP UNITS
- Six to eight weeks on SERVO/FILL[®] fully automatic modular and integrated base systems

CONVENIENT PAYMENT OPTIONS

- MasterCard, Visa and American Express accepted
- Leasing programs available



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Accuracy Capability

The filling accuracy capability statement in this literature describes general machine capabilities and is not a guarantee. Oden will guarantee machine performance in writing, upon the positive conclusion of testing done with your products. Oden takes the risk out of buying a filling system. Call today to make arrangements for our free product testing service, 800.658.3622.

Performance Guarantee, Warranty and Leasing

Oden will guarantee machine performance in writing, upon the positive conclusion of testing done with your products and containers. Oden takes the risk out of buying a liquid filler. One year warranty. Inquire about our extended warranty and training programs. Leasing proposals available.

Trademarks and Patents

Oden, PRO/FILL, GRAV/TRONIC, PRO/MATIC, AUTODEX, NET/MASS, SERVO/FILL and MASS/BLEND are registered trademarks of Oden Corporation. US Patent Nos. 5,797,436; 5,168,905; 4,917,348; 5,996,650, 5,878,796, 6,186,193 and 6,808,374 apply. Foreign patents pending.

Oden Machinery 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.

