



ODEN CORPORATION
www.odencorp.com

TECH SPECS

Pro/Fill 3000

BENCHTOP LIQUID FILLING SYSTEMS

**Improve Your Filling
Line Productivity with a
PRO/FILL® 3000**

- Increase your uptime.
- Fill free flowing to very viscous, chunky, particulated and abrasive products on the same machine.
- Fill wide range of container shapes in volumes from 2 mL to 55 gallons on the same machine.

**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.



STANDARD FEATURES:

- Display and PLC housed in sealed NEMA 4 stainless steel enclosure.
- Four line x 20 back lit LCD display with easy use function keys.
- Easy operator interface access to every filler control function including pump speed, volume, and cut-off adjustment (COA) for electronic control of no-drip product cut-off.
- Non-volatile memory storage of all machine setup data, with one-key "recipe" loading.
- Fluid flow pathway consisting of a 3 gallon stainless steel cone style hopper, Waukesha Universal Series sanitary lobe type pump, and Oden 316L stainless steel positive shut-off nozzle. Entire fluid flow pathway is of sanitary tri-clamp construction.
- One horsepower 90 VDC armature servo motor and in-line helical gear reducer. Also available with two horsepower motor.
- Footswitch control and built-in cycle timer for semi-automatic operation.



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~~FULLY AUTOMATIC~~ LIQUID FILLING SYSTEMS

BEACHTOP

**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.

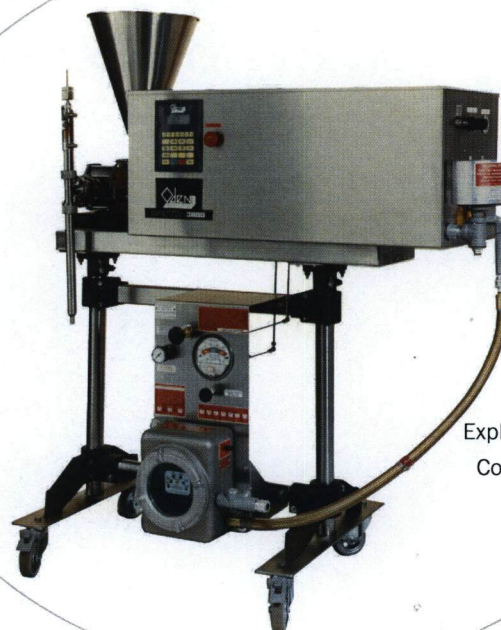
Oden Corporation

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

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Email: sales@odencorp.com



Explosion-Proof
Construction

AIR AND ELECTRICAL REQUIREMENTS:

Air Requirements: 80 PSI @ 1 SCFM

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

OPTIONAL FEATURES:

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| a. Fully automatic filling including all indexing, sensing, and control functions with purchase of PLC controller. | gear pumps with flow rates of 1.5, 3, or 6 GPM. |
| b. Net/Mass® net weight filling capability. By addition of Coriolis mass flow meter, system can be operated in a net weight mode. | g. Stainless steel, exotic metal, and non-metallic product reservoirs from 2 gallon to 150 gallon capacity. |
| c. Explosion-proof (hazardous location) construction to Class 1, Division 1, Group D standards using the X-purge method. | h. Stainless steel sanitary conveyors with fully automatic indexing capability. |
| d. Local product reservoir level control sensors and logic. A complete range of sensors and software based control logic is available. | i. Diving nozzle (bottom-up fill) assemblies. |
| e. Automatic nitrogen purge to reduce or eliminate entry of oxygen into the product during filling. | j. Vacuum aspiration for no-drip subsurface filling. |
| f. Waukesha Universal Series sanitary pumps from Size 6 to Size 30; CleanGear® sanitary | k. PLC controlled semi-automatic and fully automatic clean-in-place (CIP) systems. |
| | l. Vertical form/fill/seal mounts and nozzles, including electronics for remote start and end-of-fill signals for integration. |

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.

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