

Liquid Net Weigh Filler



Features:

- Sanitary filling environment
- Automatically tare and record containers for accurate fill weights
- Dramatically reduced product giveaway
- User-friendly touch-screen operator interface
- No-container/no-fill feature
- Rapid, easy, no-tool changeover
- Patented* manifold design contributes to self-draining product supply system and facilitates CIP/washdown
- Weight/production data continuously monitored and supplied
- Pressurized product supply tank with precise level regulation
- Laminar flow filling valves for gentle product control

* patent no. 6,065,508

Barry-Wehmiller

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Updated Design

Pneumatic Scale's new Liquid Net Weigh Filler design incorporates the latest in product supply, product clean-out, and PC-based control technology. The result – a more sanitary filling environment, faster product changeovers, reduced product give-away, and improved serviceability.

Cleaner Product Supply

The new product supply design, developed with the assistance of a microbiologist, results in a cleaner machine which dramatically reduces the possibility of product contamination. Since the product supply is at the filling head, there are fewer supply tubes ... and that means fewer areas for product contamination to occur.

Superior Product Clean-Out

A self-draining product supply system provides optimal product clean-out for incredibly quick changeovers. Increased pressure in the supply tank allows cleaning solution to surge through the system at high speeds, while a newly designed drain system purges all residual product and cleaning solution, for an exceptionally clean filler that is immediately ready for your next product.

Consistently Accurate Fill Rates

With the new Liquid Net Weigh Filler's automatic taring system, excessive giveaway is a thing of the past. Each container is automatically tared and recorded as it enters the filler and filled to an exact net weight, enabling accurate fill weights regardless of container variations.

Consistent, reliable product fill rates are attainable regardless of viscosity as a result of filling head pressure equalization. Each filling head holds the product at the correct pressure for accurate fill rates every time. And with laminar flow nozzles, containers are filled without foaming or dripping.

PC-Based Control Technology

Performance monitoring and adjustments have never been simpler. A user-friendly touch-screen interface allows performance of each filling head to be monitored, sampled, and adjusted accordingly. Each product and container is recorded as a unique recipe. Not only can product recipes be created and edited, but rejection parameters for out-of-spec containers can be set as well. Real time and historical shift data can be easily viewed and printed. PC-based control technology makes system diagnosis and servicing easier too.

Additional Features

- ALL PRODUCT CONTACT PARTS OF 316L STAINLESS STEEL
- STAINLESS STEEL BARRIER GUARDING WITH INTERLOCKED ACCESS DOORS
- ACCOMMODATES ROUND AND NON-ROUND CONTAINERS
- LOAD CELL AND PLATFORM ASSEMBLY WITH QUICK-CHANGE PLUG-IN FEATURE
- AUTOMATIC DISABLING OF FILLING HEAD ONCE PROGRAMMABLE REJECT THRESHOLD IS REACHED
- MOTORIZED HEIGHT ADJUSTMENT

Optional Features

- AUTOMATIC REJECT DEVICE WITH SUPPLEMENTARY CONVEYOR
- AUTOMATIC SELECTIVE REJECT FOR Q.C. SAMPLING
- TANK AGITATION
- COMPLETE CIP SYSTEM
- PRODUCT RECIRCULATION
- NEMA 4X ELECTRICS
- COUNTERCLOCKWISE ROTATION
- TEMPERATURE PROBE AND ALARM
- AUTOMATIC LUBRICATION SYSTEM

Liquid Net Weigh Filler Technical Specifications

Series	900				1350					1800					
No. of Filling Nozzles	12	16	20	24	12	18	24	30	36	18	24	30	36	42	48
Pitch	9.28"	6.96"	5.56"	4.64"	13.91"	9.28"	6.96"	5.56"	4.64"	12.37"	9.28"	7.42"	6.18"	5.30"	4.64"
Max. Container Diameter	6.00"	6.00"	4.50"	3.62"	6.00"	6.00"	6.00"	4.50"	3.62"	8.00"	8.00"	6.41"	5.12"	4.25"	3.62"
Container Height Range	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"	2"-14"
Speed (Nominal in Containers/Min.)	120	160	200	240	120	180	240	300	360	180	240	300	360	420	480
Power Requirements	2 HP				2 HP					3 HP					
Machine Dimensions (Nominal)	60" Wide X 75" Deep				78" Wide X 100" Deep					93" Wide X 122" Deep					

Notes: In some instances, maximum and minimum diameter and height may be exceeded. Check specifics with factory. Nominal speeds are for guideline only – will vary with container and product.

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