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Mass Flow Filler



Accurate Filling For Any Liquid

Pneumatic Scale introduces Mass Flow filling technology. The Mass Flow Filler features a clean product supply and the latest in control technology. The resulting machine delivers a more sanitary filling environment and more accurate filling, while minimizing maintenance.

Clean Product Supply

The sanitary product supply design results in a cleaner machine, reducing the possibility of product contamination. Each filling head has its own supply tube connected with sanitary 3-A fittings, enabling each meter to act independently.

Efficient Clean-Out

All manifold components are self-draining for fast and efficient product clean-out. Cleaning solution surges through the system at high speeds while the drain system purges all residual product and cleaning solution, resulting in an exceptionally clean filler that is ready for your next product.

Precision Fills

The filler is incredibly accurate, even at high speeds. Product is measured as it flows into containers, dramatically reducing excessive giveaway. In fact, the Mass Flow Filler is so precise that it achieves fill weight accuracy up to .1%. And with laminar flow nozzles, containers are filled without foaming or dripping.

Advanced Control Technology

Performance monitoring and adjustments couldn't be simpler. A user-friendly touch-screen interface allows performance of each filling head to be monitored, sampled, and adjusted. And because each mass flow meter houses its own control package, each meter can be adjusted independently. 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 viewed on-screen and printed. PC/PLC-based control technology makes system diagnosis and servicing easier too.

Additional Features

- SANITARY FILLING ENVIRONMENT
- SELF-DRAINING PRODUCT SUPPLY
- TOTAL WEIGHT AND TEMPERATURE DATA CONTINUOUSLY MONITORED AND SUPPLIED
- NO-CONTAINER/NO-FILL FEATURE
- UP TO .1% ACCURACY
- ALL PRODUCT CONTACT PARTS OF 316L STAINLESS STEEL OR FDA POLYMERS
- IMMUNE TO VIBRATION
- IDEAL FOR ANY LIQUID, INCLUDING THOSE CONTAINING SUSPENDED SOLIDS
- QUICK, EASY NO-TOOL CHANGEOVER
- ACCOMMODATES ROUND AND NON-ROUND CONTAINERS
- CHOICE OF PC OR PLC CONTROL TECHNOLOGY

Optional Features

- PINCH VALVE FILLING HEAD
- AUTOMATIC SAMPLING WITH OPTIONAL REJECT SYSTEM
- TANK AGITATION
- COUNTERCLOCKWISE ROTATION
- AUTOMATIC LUBRICATION SYSTEM
- NEMA 4X CONTROL CABINET
- COMPLETE CIP SYSTEMS
- SIP SYSTEM

Barry-Wehmler