Inverting Rinsing Machines





Container Cleaning Principle

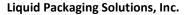
Containers are indexed into the rinse area based on the number of rinse heads on the machine. Bottle carriage grips and flips containers, which are then rinsed using air, water or other cleaning solution to remove dust and debris. Containers are then returned to the conveyor to be moved down the packaging line.

Industries Utilizing Bottle Rinsers

- Bottled Water
- Pharmaceutical
- Nutraceutical
- Food and Beverage
- Cosmetics







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Inverting Rinsing Machines

OPTIONS:

- Container indexing designed to fit your needs:
 - Gate/Pin
 - Star wheel
 - **Timing Screw**
 - Shuttle
- Air Knife for drying following a • wet rinse
- Ionizing air curtain prior to • rinsing to remove static charges
- Hazardous environment con-• struction
- Special electrical available •
- Spare parts kit •
- Bottle vacuum system
- Manual and Semi-Automatic c models also available



TYPICAL RINSE MEDIA:

- **Clean Air** •
- Ionized Air •
- **Clean Water** •
- **Disinfecting Solutions** •
- Sanitizing Solutions •



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Standard Features:

- Heavy duty portable stainless steel construction
- Automatic container indexing
- Allen Bradley Micrologix PLC and touch screen interface* e
- **Container Vision Systems**
- Soft Pad Bottle Grippers
- Easily adjustable rinse heads
- Power conveyor
- Upgradeable

Benefits:

- Rinsing machines can be integrated with existing lines and roll up to almost any conveyor
- Easy to use and simple to un-• derstand controls increase productivity
- Vision systems minimize down-• time by avoiding container jams and no bottle rinses
- Soft pad grippers allow for rinse

without marring or scratching containers

- Adjustable heads allow rinsing . of a variety of container shapes and sizes
- Easy container changeover for added efficiency
- Made in the USA

Additional Products and Services:

- Container cleaning Sealers End of the Line • . Equipment Cappers Coders Full line Integration Conveyors Labelers **Turntables**
 - **Container separation**
- * Other PLC's available



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