

NP-GF Gravity Liquid Filling Machine Automatic For Bottle



The NP-GF model is top-of-the-line automatic gravity filler that's perfect for packaging thin, foamy products like soy sauce, window cleaners, and vinegar. This machine works using time-based filling, ensuring each container gets just the right amount of liquid. It comes equipped with a holding tank and has the capability to fill multiple bottles quickly and efficiently. The filling process starts at the filling point, where bottles are precisely aligned with the filling stems. Each stem has a filling valve designed to handle the foam created by these types of liquids, making sure the fill is accurate and clean every time. This gravity filler's versatility makes it an essential piece of equipment for industries such as food and beverage, pharmaceuticals, and cosmetics. Plus, it integrates smoothly with other production line machinery like cappers, labelers, and case sealers to form a complete system for foamy liquid products.

The Gravity Liquid Filling Machine boasts several standout features designed for efficient and precise filling operations:

- **Construction Quality:** Crafted from 304/316 grade stainless steel, the machine showcases a sleek appearance, robust corrosion resistance, and a prolonged lifespan.
- **Foaming Liquids Compatibility:** Excellently suited for filling foaming liquids, it achieves high filling precision without the complications commonly associated with these types of liquids.
- **User-Friendly Interface:** Features a touch screen display offering both Chinese and English options, ensuring straightforward operation.
- **Advanced Detection System:** Incorporates photoelectric sensors to automatically detect containers, preventing any filling mishaps when containers are absent.
- **Efficient Filling Head Design:** The filling head is equipped with a suction feature to eliminate drips, ensuring bottles are filled correctly and maintaining a clean work environment by avoiding disoperation.
- **Precision Filling:** Engineered to prevent foaming or overflow during the filling process, the machine maintains high accuracy and consistency in the liquid level, ensuring a uniform fill across all containers.

Technical Parameters

Name	Automatic gravity Filling Machine
Measurement precision	±0.5%-1% for 1L
Capacity	800b/h-7200b/h
Voltage	220VAC 50/60hz
Air pressure	4~6kg/cm ²
Air consumption	1m/min
Power	1000w