

PLG-50 Lotion Filling Sealing And Capping Machine

Product Description

PLG-50 Lotion Filling, Sealing, and Capping Machine for Versatile Applications

The PLG-50 Lotion filling sealing and capping machine is an efficient solution for lotion and cream packaging. It is designed to streamline production with its integrated filling, sealing, and capping functions. This machine provides consistent performance and meets the demands of industries like cosmetics, pharmaceuticals, and household products.

The machine supports a filling volume range of 1ml to 250ml, making it ideal for small to medium-sized products. It operates at a speed of up to 40 bottles per minute, ensuring smooth and efficient production. With a filling precision of over 99%, it minimizes product waste and ensures accuracy.

The filling and capping machine is equipped with a stable capping mechanism that achieves a finished product rate of 99%. Its compact design and efficient power usage make it suitable for different production environments. The machine's stepless shift function allows for flexible operation and speed control, catering to various production needs.

This machine is built to handle different packaging requirements and provides reliable results. Its user-friendly interface ensures easy operation, making it accessible for operators with varying levels of experience.

Technical Parameters

Parameter	Value
Filling volume	1 - 250ml
Filling speed	40 bottles/min
Filling precision	≥99%
Finished product rate of cap drop	≥99%
Main machine power	1KW 220V stepless shift

The PLG-50 is a versatile filling and sealing machine that enhances production efficiency and ensures high-quality output. It is a great choice for manufacturers looking for precise and reliable packaging solutions.

Key Features and Applications of PLG-50 Lotion Filling, Sealing, and Capping Machine

Automatic Bottle Feeding System

The machine features a screw-type bottle feeding system that automatically aligns and feeds bottles into the production line. This function eliminates the need for manual bottle handling, improving efficiency and precision.

Intelligent Bottle Detection Technology

It is equipped with an advanced bottle detection system. The machine ensures no filling occurs in the absence of a bottle, and no cap is fed if the bottle is missing. This prevents material waste and reduces errors.

High-Precision Automatic Filling

The filling function is controlled by a servo motor system, ensuring accurate and consistent lotion filling. This precision minimizes product wastage and meets the needs of industries like cosmetics and pharmaceuticals.

Automatic Cap Placement and Sealing

The machine automatically places caps onto the bottles and securely seals them with a reliable capping mechanism. The high capping accuracy ensures leak-proof packaging and maintains product integrity.

User-Friendly Operation and Control

A touch-screen control panel enables operators to easily monitor and adjust operational settings. The intuitive interface makes it simple to change parameters and manage production lines efficiently.

Applications Across Multiple Industries

This filling and capping machine is ideal for packaging lotions, creams, and other semi-liquid products. It is widely used in the cosmetics, pharmaceutical, and personal care industries. The machine also supports flexible operation for small and medium-sized production lines.

The PLG-50 is a versatile filling and sealing machine, offering advanced automation for manufacturers seeking reliable and accurate packaging solutions. It is designed to meet the needs of modern production environments while ensuring high efficiency.