

KM-A02 pneumatic liquid filling machine



Pneumatic Liquid Filling Machine Model KM-A02: A Versatile and High-Quality Solution for Filling Diverse Liquids

The Pneumatic Liquid Filling Machine Model KM-A02 stands out as a practical and efficient solution for filling a wide range of liquids with volumes ranging from 5 to 60 milliliters. Utilizing pneumatic power, this machine accurately and rapidly dispenses liquids into various containers.

Working Principle of the Pneumatic Liquid Filling Machine

The Pneumatic Liquid Filling Machine Model KM-A02 comprises a liquid tank, a pneumatic pump, a nozzle, and a control system. The liquid tank holds the liquid to be filled. The pneumatic pump, powered by compressed air, transfers the liquid from the tank to the nozzle. The nozzle discharges the liquid into the container at a controlled pressure and speed. The machine's control system regulates the filling volume and speed.

Key Features of the Machine

- **304 Stainless Steel Construction for Parts in Contact with Liquid:** This ensures the machine's resistance to various liquids, including food, cosmetic, and pharmaceutical products.
- **Adjustable Liquid Filling Volume:** This allows the machine to be adapted for filling different liquids with varying volumes. Users can set the desired volume on the machine's display panel.
- **Adjustable Liquid Filling Speed:** This enables the machine to handle liquids of diverse viscosities. Users can adjust the filling speed on the machine's display panel.
- **User-Friendly and Easy Operation:** This facilitates operation even for inexperienced users. To operate the machine, users simply fill the tank with liquid, set the filling volume and speed, and the machine is ready for use.
- **High Filling Accuracy:** The machine can fill liquids with an accuracy of $\pm 1\%$. This high precision ensures the production of high-quality products.
- **Compact Size:** This allows the machine to occupy minimal space and facilitates portability.
- **Cost-Effective:** The machine is priced competitively compared to other liquid filling machines.

Applications of the Machine

This machine finds extensive applications across various industries. Some specific applications include:

- **Food Industry:** Filling water, beverages, juices, milk, oil, sauces, and other edible liquids.
- **Cosmetic and Personal Care Industry:** Filling creams, shampoos, soaps, handwash, and other cosmetic and personal care products.
- **Pharmaceutical Industry:** Filling medicines, injection solutions, and other pharmaceutical products.
- **Other Industries:** Filling industrial liquids such as engine oil, coolant, and other liquids.

Conclusion

The Pneumatic Liquid Filling Machine Model KM-A02 emerges as a versatile and high-quality solution for filling a wide range of liquids with varying volumes. Its comprehensive features and user-friendly design make it an ideal choice for diverse applications across various industries.

For more information about this product, please scan the QR code below.

