

ZHF-80Z Hand Sanitizer Gel/Jam/Toothpaste/Cream Tube Filling and Sealing Machine



Automatic Metal Tube Filling Sealing Machine is used for cosmetics industry, light industry (daily-use chemical industry), pharmaceutical industry, food industry and other industries. The machine is suitable for products which choose tubes as packaging containers. The equipment fills such materials as ointments, creams, gels or fluids with high viscosity into the tube, then folds and seals the tail of the tube, and prints the word code on the tube to produce the finished product.

Features

1. The host adopts frequency conversion.
2. The metal tube filling sealing machine can complete two-folding, three-folding and saddle-shaped folding by different adjusting methods.
3. The sealing of the manipulator is flexible and stable. The filling and sealing device adopt an open design, which is easy to clean and maintain.
4. The machine adopts German photoelectric identification device to carry out color mark positioning, and the high-precision drivers and stepper motors are equipped (the servo motor need to be configured for high eye-marking requirements), to ensure that the patterns and words are in the right position.
5. The filling process takes place in stages, during which the filling nozzle injecting into the tube moves from bottom to top. After completing the filling and sealing, the material of the tube won't leak or overflow. The machine is used for filling a variety of materials with different physical and chemical properties. The hand wheel for fine-tuning the filling volume is placed outside the machine body, and it is easy to adjust and tighten ,which ensures that the filling accuracy is less than or equal to $\pm 0.5\%$, and that cost-saving and accurate measurement are achieved truly.
6. The internal stirring device of the material barrel adopts an underlying stirring device with large power, which is safe, reliable and has a wide range of application. The insulation system of material barrel is made of a controllable water temperature device, a sandwich hopper with weld joint and other devices.

7. The terminal compressed air device adopts multi-stage filtration (an oil-gas filtration device is used to ensure that the compressed air is clean and pollution-free).
8. The lubrication system develops a unified oil supply standard to ensure effective lubrication of the equipment and to prevent contamination of the working environment.

Technical Parameters

Production capacity	30~80 bottles/min
Filling volume	2~200ml
Filling accuracy	$\leq \pm 0.5\%$
Tube diameter	10-35 mm
Tube length	50-200 mm
Filling accuracy	$\leq \pm 0.5\%$
Main motor power	1.5KW
Working air pressure	0.6PMa
Overall dimension	2270*960*2100 (mm)
Weight	1200 Kg