SUMEVE
USER MANUAL

Digital Control Liquid Filling Machine
GFK-160
Product Introductions:

This GFK160 series numerical control liquid filling machine uses micro-computer to control the mini-pump on filling time and the rotation rate of electric motor so that the machine can fill the liquid fluently and at high accuracy.
Separated with the electric motor, the pump is made of a variety of anti-corrosion imported material. There is no mechanical metal part or abrasion inside the pump. This numerical control liquid filling machine is compact and portable. The casing uses stainless steel so it is durable and easy to clean.
The machine has a self-prime pump that can suck in the liquid from your container and then output via the nozzle.
It can be used to fill many different types of clear thin liquid, including water, olive oil, fuel, drinks, vinegar, milk etc.

Notice:

- When the machine leaves the factory, we will use water for inspection and testing, so there will be some water residue inside the machine. We suggest that you clean and disinfect it with alcohol before use.

- If there is any liquid left after use, You can idle the machine a few times
Product Specifications:

Automatic counting function, effectively control filling quantity
Import single-chip microcomputer control, high efficiency,
low power consumption LCD display, touch screen is very easy
to operate
Filling Accuracy is high, precise volume
Wide Voltage range 110V-220V
Working performance is stable and can be used for long time
Self-suck function, don’t need to pour
The pump can stand acid and alkali
Anti-dripping design
Reasonable design, made of stainless steel, meet GMP requirement
Speed Parameter Range: 1-9, Filling Time Range: 0.01-99.99s,
Interval time Range: 0.01-99.99s
Save up to 6 sets of parameters for different-sized bottles and
can choose from easily
Widely used in medical, chemistry, food, beverage, oil,
and cosmetics, etc.
Suitable for filling low-viscous liquid without pellets
The pump can stand oil, heat, acid, alkali, abrasion and
chemical products. Integrates the advantage of self-suck pump
and chemical pump
Self suck, heat protect, stable working and continuous idle or load
operate for long time
Voltage: 110V-220V  
Power: 30W  
Max Flow Rate: 3.2L/min  
Max Suck Distance: 1m  
Repeat Error: <0.5%  
Package Dimension: 400 × 380 × 200(mm)  
Machine Weight: 5.5kg / 12.1Lbs  
Filling Volume Range: 2ml-3500ml  
Anti-dripping Function: Available  
Memory Function without Electricity: Available  
Machine Size: 350 X 270 X 150(mm)  
Diameter of Filling Nozzle: Φ 8mm  
Suitable Soft Tube: 17# (interior diameter: 6.4mm, thickness: 1.6mm, max pressure 0.24Mpa)

Note: Different liquid needs to choose different material of tube. The tube provided by us is silicone tube.
How to use

1. Installation
Take the plastic filling nozzle out and install it in the feeding tube. (Notice the triangle head connects the discharge tube).
Take out the filling-head stand and install it on the left of the machines as photo3 shows. Put the filling head in the clip and tighten it by socket wrench.
Connect the pedal switch with machine, and put the tube with filter below the liquid level inside the storage rank. The position of tank should be lower than the machine. Start to test the machine after all is ready.
2. Turn on
Switch on the machine, the LCD screen will show welcome words and the machine will be under standby status after 3 seconds. As photo4 shows, the screen shows filling quantity at the top left corner, filling speed at bottom left corner, once filling time at the top right corner, interval time at bottom right corner.

3. Adjustment
When the machine is under working status, other buttons can’t work. You can adjust the parameter after press the on/off button to let the machine under pause status.

4. Measurement Proofreading
This procedure is to check out if there is water coming out from the nozzle. By adjusting the filling time and speed to meet the requirement. The normal work can be carried out after the measurement proofreading is done.

Kindly note:
The manufacturer will not be responsible for any damage due to improper operation. This kind of risk should be taken by the users. Strictly abiding by the manual book is a part of operation requirement.
Machine Sketch

Operation Panel

Power Switch

Power socket

Water outlet

Filling Nozzle

Pedal Switch

Water inlet

Filling Stand
About Sumeve:

Sumeve is a company specialized in producing and developing packaging machinery and equipment.

The main products:

All kinds of
Filling machine,
Sealing machine,
Packing machine,
Coding machine
And other mechanical equipment,
We also customize all kinds of packaging machinery according to customer needs.