MANUAL MULTI-PRODUCT LIQUID FILLING MACHINE

User Guide

This filling machine is specially designed for filling liquid and cream from 10ml-100ml.
The shell of the machine is durable, powder-coated and all the parts inside are made from 304 stainless steel and TEFLON. It is beneficial for small scale production, laboratories, hospitals, beauty parlours and more!
This filling machine is made specifically to streamline the process of packaging liquids.
Please note: Not suitable for textured/chunky substances - only intended for any liquids, lotions or pastes with a smooth consistency.

TECHNICAL PARAMETERS

Filling Range: 10-100ml	Gross Weight: 13kg
Capacity of the Hopper: 10L	Overall Dimension: 33 X 33 X 78cm

SETTING UP THE FILLING VOLUME

Pull the handle up at first (Fig. 1), then loosen the locking nut, turn the measure nut CCW to increase the filling volume or CW to reduce. Tighten up the locking nut while you get the right volume. Finally, choose the correct nozzle for your bottles - try to use a thick and short nozzle if possible.

*Use a 12x3mm sealing ring for liquid, and use a 14x3mm for cream

MAINTENANCE

Keep the machine body clean in case of erosion, in order to extended the service life.
Lubricate the Cross Shaft (fig1. 14), Sector Gear (fig1.13) and the Gear Rack (fig1.11) termly.
Unpick and clean the machine after use, especially if it is going to be unused for an extended period of time.

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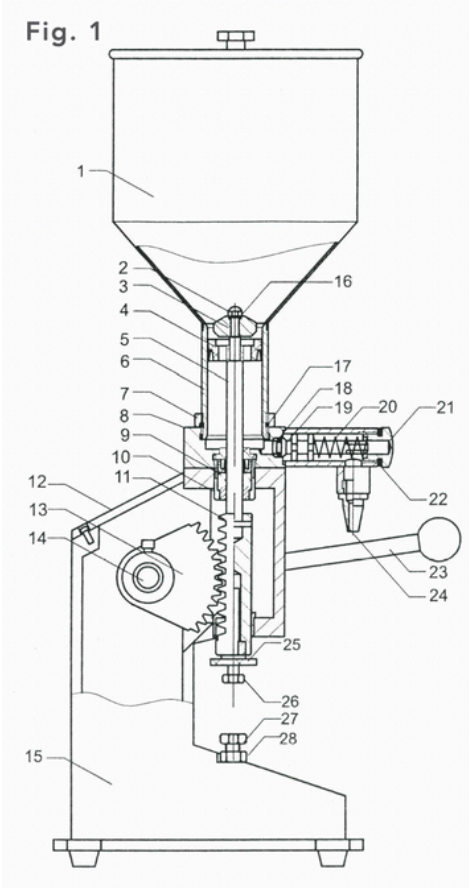
Fig. 1



1. Hopper
2. Screw Cap
3. Cone Screw Cap
4. Piston Ring
5. Piston Rod
6. Measure Cylinder
7. Fastener
8. Cylinder Base
9. Sealing Ring
10. Seal Receptacle
11. Gear Rack
12. Cover Plate
13. Sector Gear
14. Cross Shaft
15. Machine Base
16 - 18. Sealing Ring
19. Valve Plug
20. Spring
21. Outlet Screw Cap
22. O Ring
23. Handle
24. Nozzle
25. Upper Locking Nut
26. Upper Measure Nut
27. Down Measure Nut
28. Down Locking Nut

FAULT	CAUSE	SOLUTION
Measurement Inaccuracies	-Assorted particles stuck between the cone screw cover and piston ring. -The filling speed is unstable. -The material is ropy.	-Unpick and wash -Make sure to work in a consistent speed. Draw the handle up slowly.
Material Drops From The Nozzle	-The O ring is broken or melted. -There are assorted particles on the O ring.	-Replace the O ring -Unpick and wash
Material Contains Bubbles After Filling	The operation speed is too high.	Lower speed you are working at.