

Reagent Filling and Assembly Machine

GRK-Z800-Y69

Programmable HMI

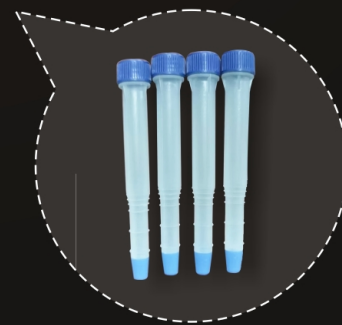
Parameter setup & trouble shoot



Finish Products Outlet

Discharge of finished products

- Speed up to 4000 pcs/ hr
- CE Certified

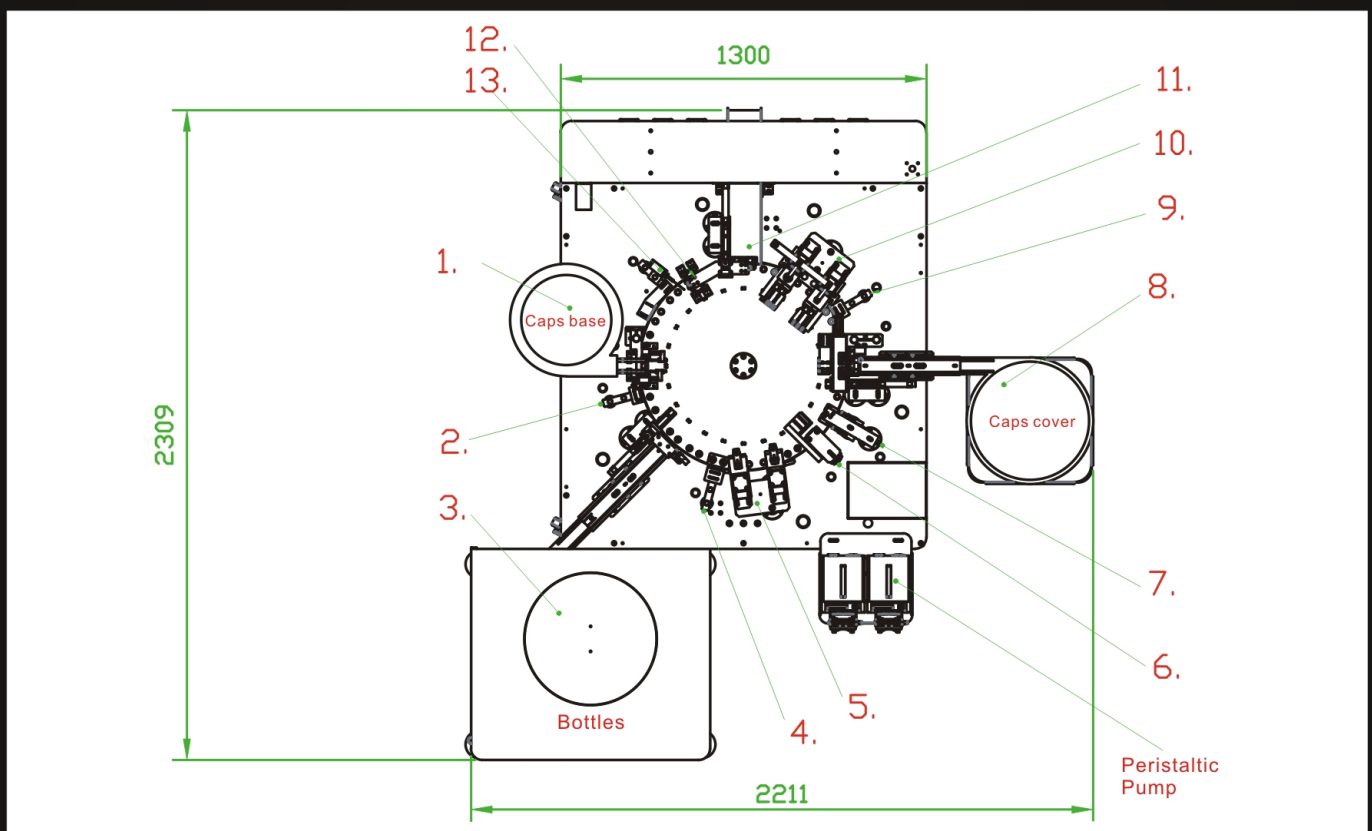


The Reagent filling and assembly machine can be used for different sizes of raw parts with minor changeover and adjustment

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Machine Layout:



Assembly Sequences:

1. Caps base feed by vibration bowl regardless of direction
2. Caps base check
3. Bottles feed by vibration bowl regardless of direction
4. Bottles check
5. Caps base screw into bottles
6. Liquid filling into bottles
7. Liquid check by sensor
8. Caps cover placing on bottles
9. Caps cover check
10. Caps cover screw into bottles
11. Finished product outlet
12. Defect parts ejection
13. Machine safety switches

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Product Specifications

Technical Specifications:

- Voltage: 380V,50/60V
- Power:1.5KW(KVA)
- Weight:1200kgs
- Air Pressure: 0.5–0.8MPa
- Air Consumption: 0.5m³/min

Noise Level:

- <75DB

Pump Specifications:

- Pump type: Peristaltic pump
- Tolerance of liquid filling: +/-0.05g

Dimensions Specifications:

- Size: L2.20m xW2.30m xH1.50m

Vibration Bowl Capacities:

- Bottles: >2000pcs
- Caps:>2000pcs

Machine Performance:

- 3200–4000pcs/hr

Key Features

Bottles and caps feed automatically with vibration bowl
High precision peristaltic pump with adjustable volume
NC parts will be rejected automatically
HMI touch screen control interface

