

# Cassette Assembly and Packaging Machine

( Single Rail )

GRK-TW01

**Packaging Unit**  
Packing cassettes & desiccants

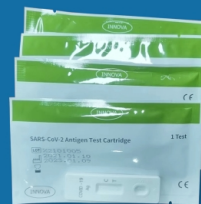
**Cassette Assembly Unit**  
Assemble cassettes & test strips



**Finish Products Outlet**  
Discharge of finished products

**Programmable HMI**  
Parameter setup & trouble shoot

- Speed up to 2400 pcs/ hr
- CE Certified



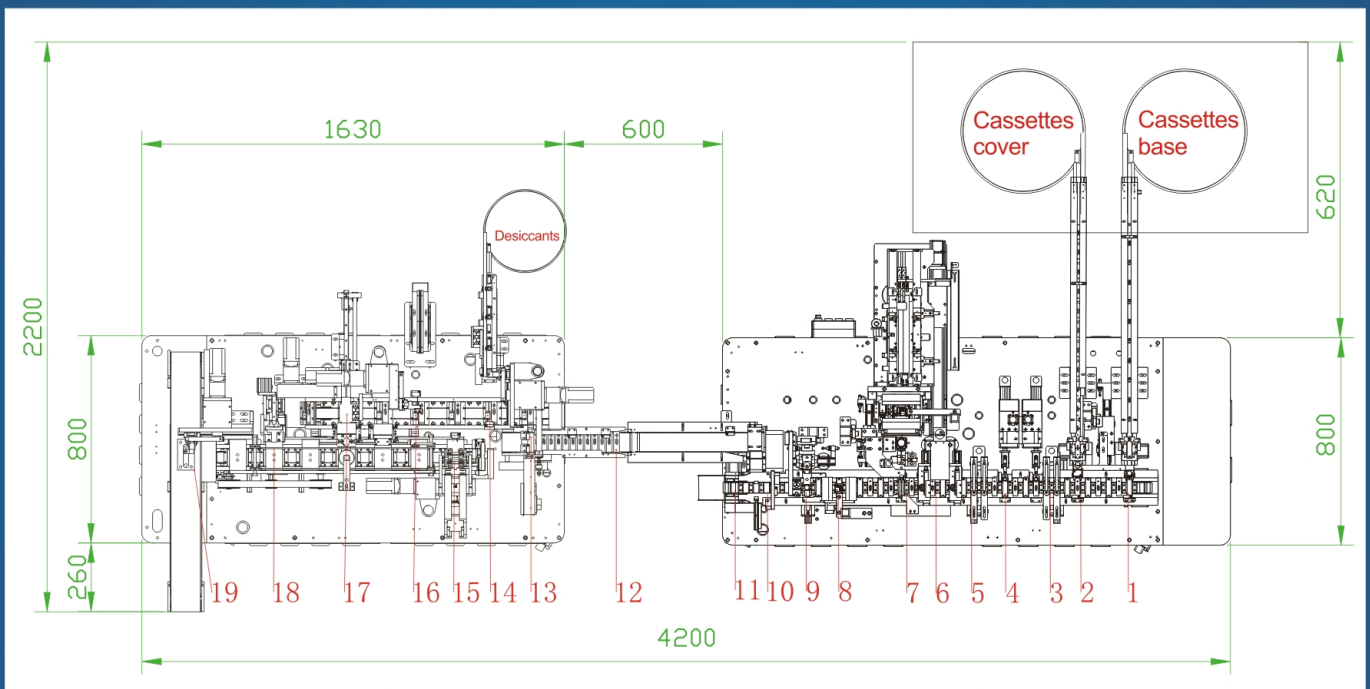
The single rail cassettes assembly and packaging machine can be used for different sizes of raw parts with minor changeover and adjustment.

# Cassette Assembly and Packaging Machine

## ( Single Rail )

GRK-TW01

### Machine Layout:



### Assembly Sequences:

1. Cassettes base feed by vibration bowl regardless of head and tail or front and back direction.
2. Cassettes cover feed by vibration bowl regardless of head and tail or front and back direction.
3. Cassettes base and cover front and back check
4. Cassettes commutation
5. Cassettes base and cover head and tail check
6. Cassettes commutation
7. Diagnostic sheets cutting and feed strip into cassette base
8. Test strips checked by Camera sensor
9. Cassettes cover transferred and pressed
10. Cassettes check completed
11. Cassettes completely transferred to foil bags packaging machine
12. Conveyor belt of finished cassettes
13. Completely cassettes feed into nest and check
14. Desiccants feed into nest and check
15. Foil bags supply and check
16. Module reserve for dropper
17. Completely cassettes and desiccant feed into foil bag
18. Foil bags sealing and checking
19. Good outlet completed

Note: Both assembly and packaging machines equipped with defect part ejection stations

# Cassette Assembly and Packaging Machine

## ( Single Rail )

GRK-TW01

### Product Specifications

#### Technical Specifications:

- Voltage: 380V,50/60V
- Power:4.5KW(KVA)
- Weight:2200kgs
- Air Pressure: 0.5–0.8MPa
- Air Consumption: 1m<sup>3</sup>/min

#### Noise Level:

- <75DB

#### Equipment Parameter:

- Tolerance of Strip cutting: +/-0.05mm
- Width of Strip cutting: 3–6mm
- Uncut sheet can be set within the range : length 150–300mm,width 60–80mm
- Cassette can be set within the range : length 60–100mm, width 15–20mm

#### Dimensions Specifications:

- Size: L4.20m xW1.50m xH1.80m

#### Vibration Bowl & Hopper Capacities:

- Uncut sheets: 30–40pcs
- Cassettes: >1000pcs
- Desiccants:>1000pcs
- Foil bags:>800pcs

#### Machine Performance:

- 2200–2400pcs/hr

### Key Features

Cassettes and desiccants feed automatically with vibrator bowls

Sheets and foil bags feed automatically with magazine

Strips cut, pick and place automatically

Sheets trim and scrap will be rejected automatically

Strips placement checked by high precision camera sensor

NC parts will be rejected automatically

**COPYRIGHT © 2022 GEREKE. ALL RIGHTS RESERVED**

Website:www.gdgereke.com / Email:yeo@geruike.com



Wechat



WhatsApp