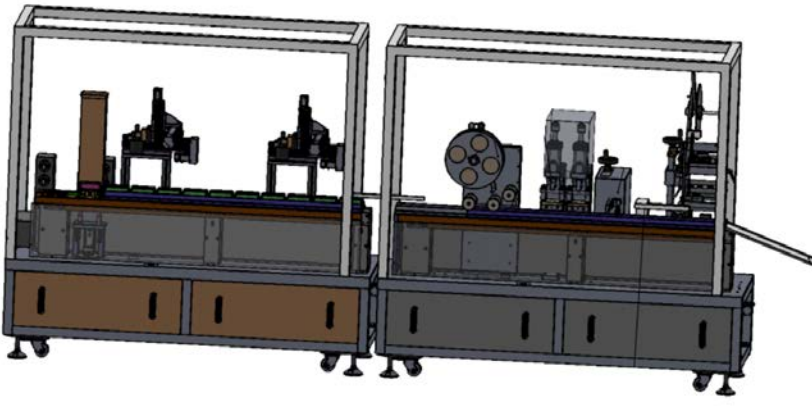
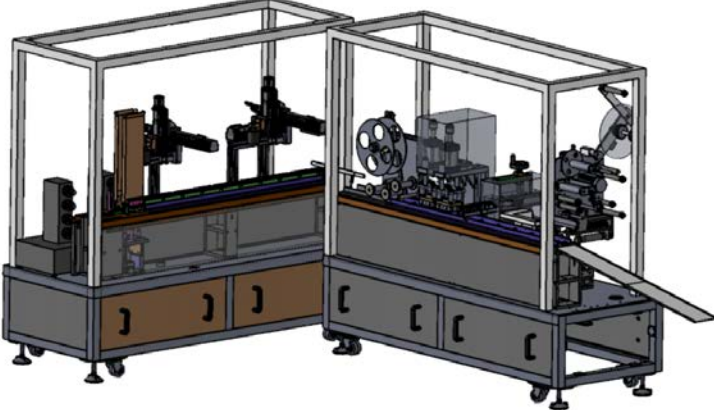


# 96 Deep Well Plate Filling And Sealing Machine


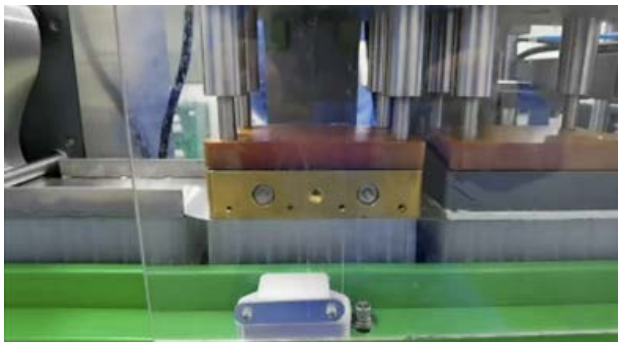
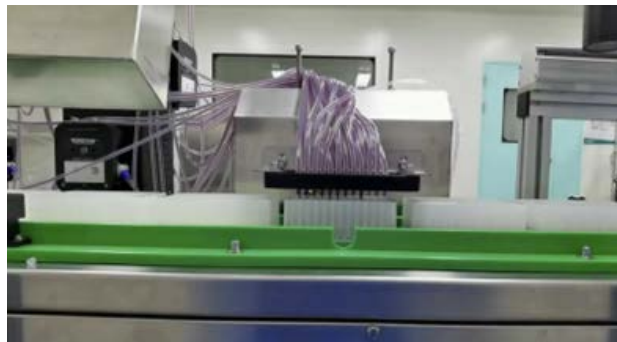
For Nucleic Acid Detection Kit Large Scale Manufacturing



## Model

ARE2000HS-C	ARE2000HS-D
	
24 pumps (automatic)	24 pumps (automatic)

## Overviem

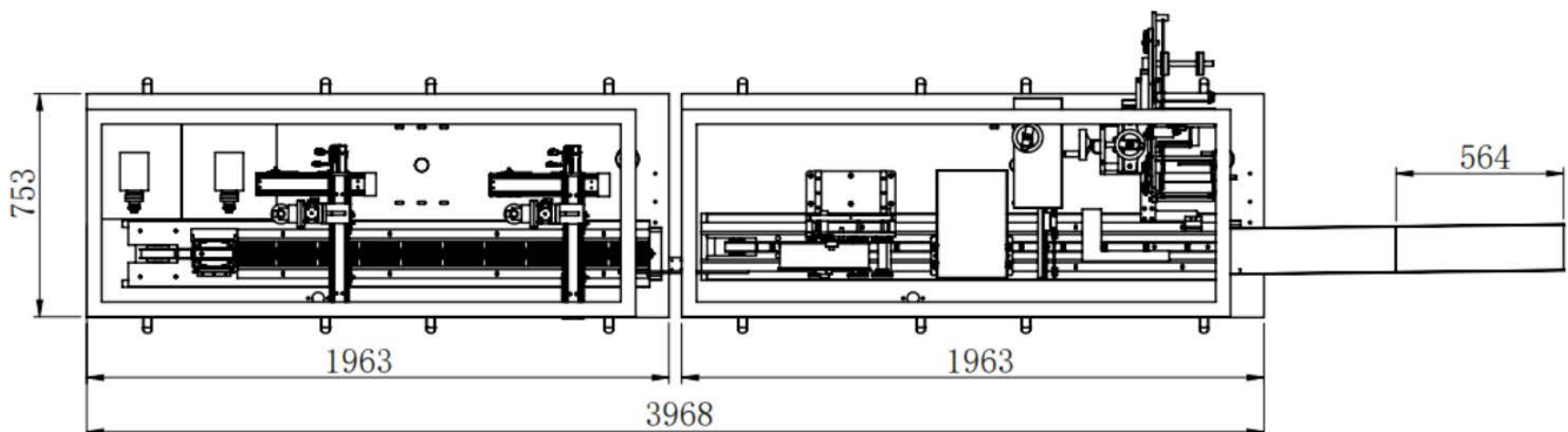
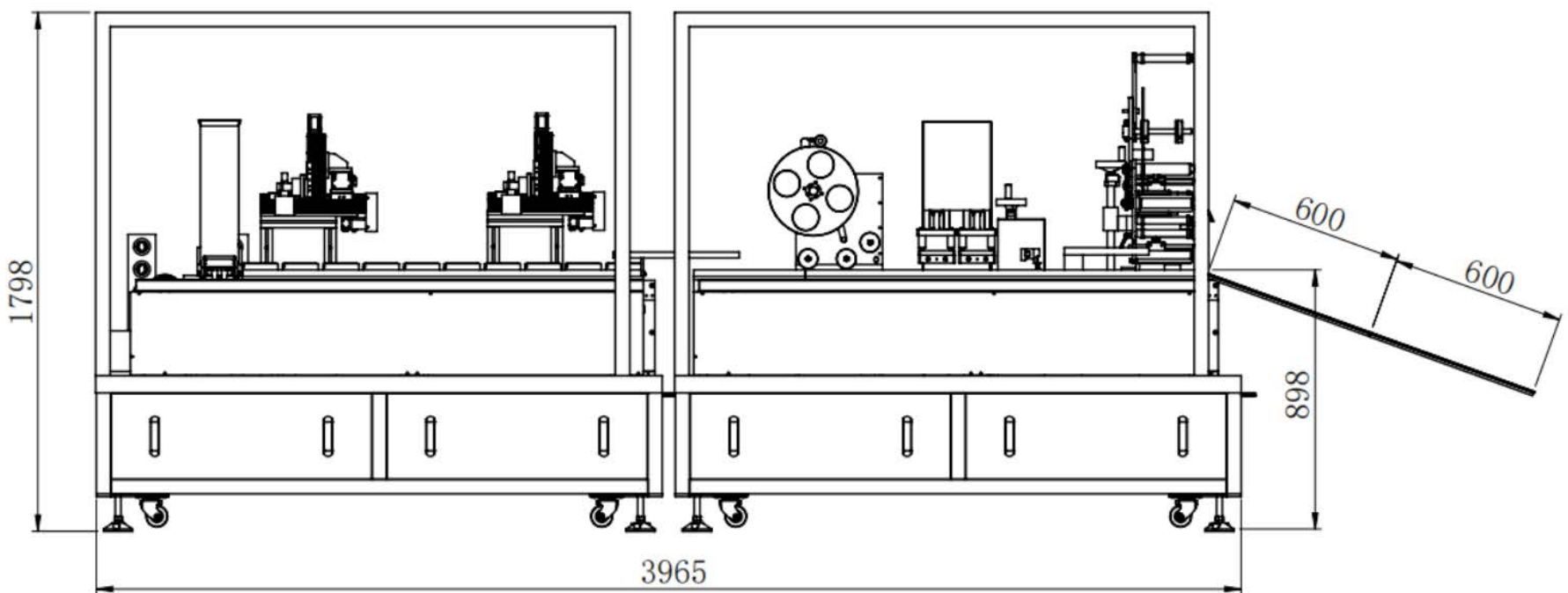
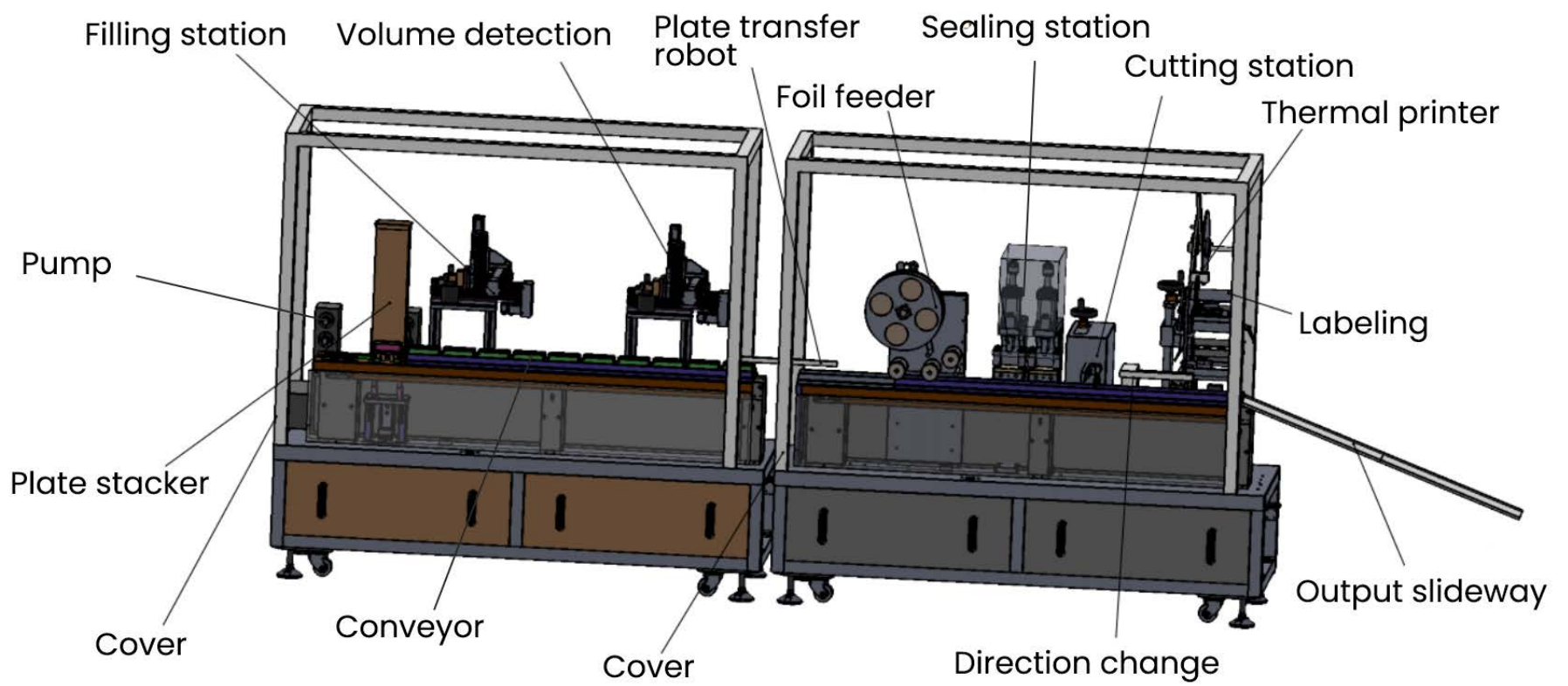
Stacker	Filling station	Plate sealing
		

## Workflow:

1. Insert plates into stacker
2. Foolproof detection
3. Filling
4. Volume detection (random or whole plate)
5. Transfer plate
6. Sealing with foil
7. Cutting
8. Labeling
9. Printing
10. Output

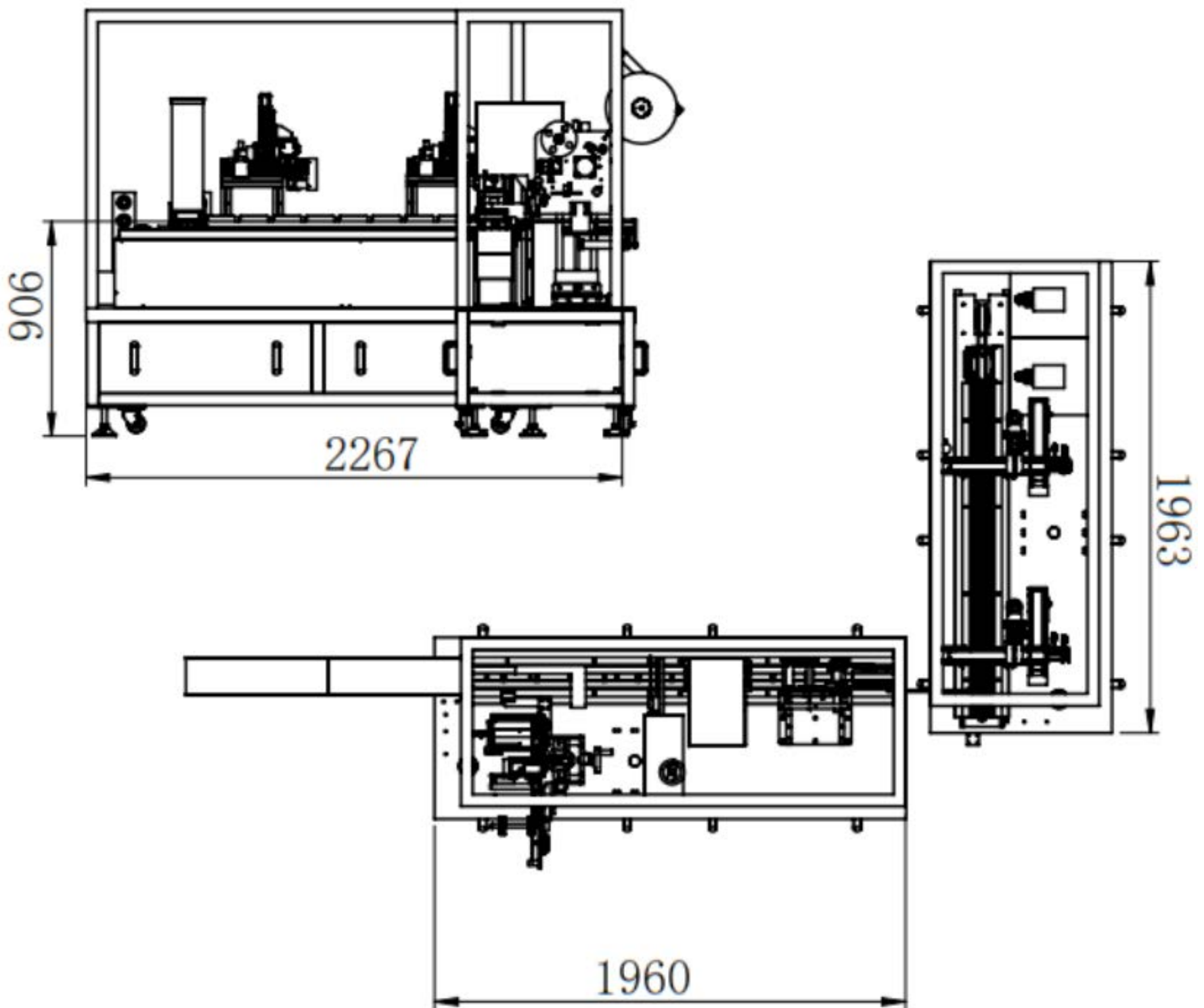
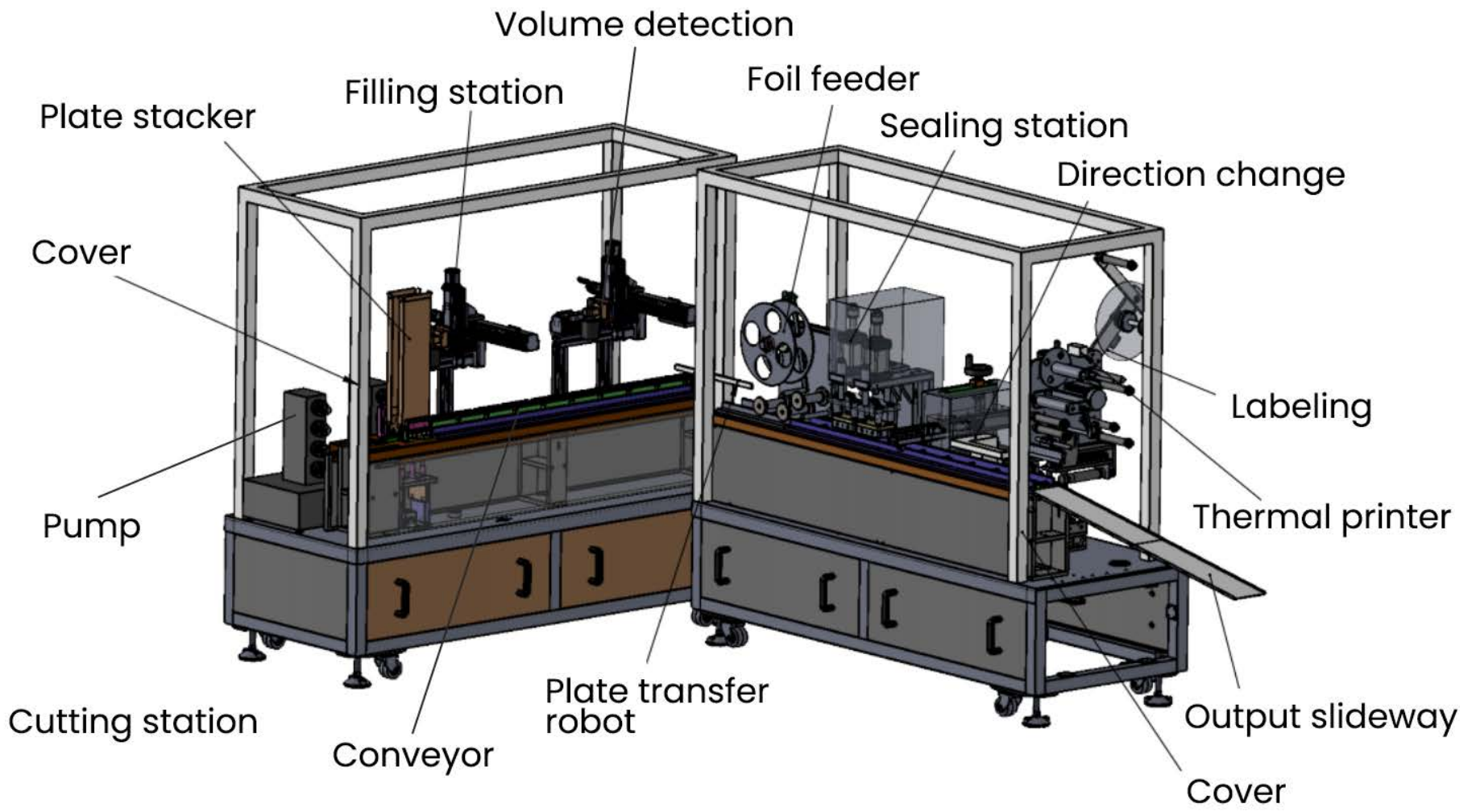
## Structure

### ARE2000HS-C





**ARE2000HS-D**



## Application:

DNA/RNA extraction kit large scale production

ELISA kit large scale production

Deep well plate filling

## Parameter:

Filling precision	< 1%
Pumps/capacity	24 pumps, 900 plates/hour
Filling strips	8 strips
Filling volume	30 ~ 3,000 $\mu$ l, independent adjustable volume, 1 $\mu$ l/step adjustable
Filling syringe	PP0.5; 1.6; 2.4; 3.2 various types liquid
Operation system	Easy to fit with tube 13#, 14#, 16#, 19# and change volume
Control system	OMRON control system, high precision and accuracy
Filling tube's lifetime	20,000 plates
Stacker	10 plates for feeding
Fool-proofing	Automatic detection
Liquid volume detection	Detection range: 0~2,000 $\mu$ l Detection precision: 1% Whole plate detection time: 32 seconds Plate interval setting: 0~10,000 Volume exceed alarm: Yes
Plate sealing	Sealing plate with foil
Cutting system	Automatic cutting per plate
Labeling system	Include
Printer	Domino (UK brand)
Running noise	60 decibel
Plate type	96 deep well plate, H type oblique angle or A type oblique angle
Shell material	304/316
Working condition	Temperature: 10~40 °C Relative humidity: 30%~75% Air pressure: 860~1,060hPa Power: 3,000W Power supply: AC 220V $\pm$ 10%; 50Hz