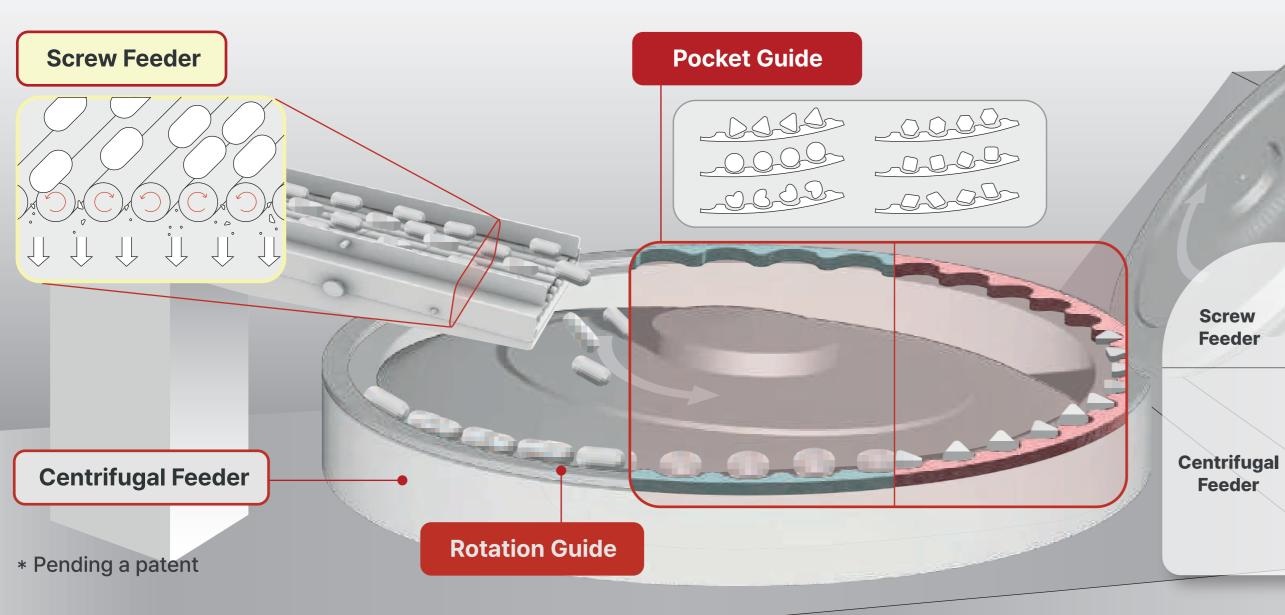


Ultimate Flexibility and Stability





Providing 45 kinds of guide (Pocket & Rotation Guide)

Feeder

- Inspecting every products such as dedicated machine
- Applying every shape of products

Providing 7 kinds of feeder gate

- Cover all types of products

Pocket & Rotation Guide

- Silicon material for minimizing product damage
- Stable position & feeding without friction force

- Providing excellent condition for transfer

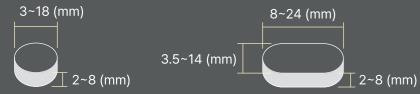
- Stable feeding for small(3.5mm) and high convex tablet

Creative design and Optimized feeder size

- Feeding efficiently
- Minimizing product damage by low RPM
- Securing stable feeding for difficult product

TABLET INSPECTION

Applicability



(Diameter or Width minus Thickness ≥0.7mm)

Uncoated, Film coated, Sugar coated, Multilayer
Polygon Shape: Triangle, Square, Diamond, Pentagon, Hexagon, Octagon etc.
Free Shape: Heart, Kidney, Bean, Water drop, Half round, Almond, Flower etc.

Speed

Shape	Size	PLANET EV	
Round (Diameter)	5mm	465,500	
	7mm	333,000	
	9mm	256,000	
	10mm	233,000	
	12mm	195,000	
	14mm	160,000	
Oval / Oblong (Length)	10mm	240,000	
	12mm	200,000	
	14mm	170,000	
	16mm	150,000	
	18mm	135,000	
	20mm	120,000	
	22mm	100,000	



1

CAPSULE INSPECTION

Applicability

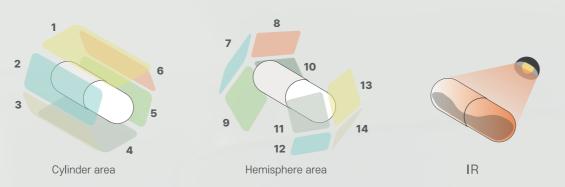


No: 00, 0, 1, 2, 3, 4, 5

Speed

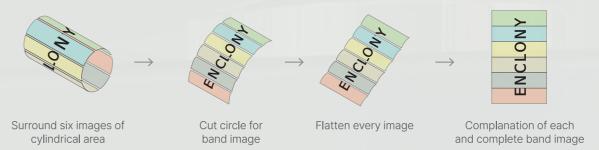
No	PLANET EV		
00	100,000		
0	110,000		
1	125,000		
2	140,000		
3	150,000		
4	160,000		
5	170,000		

*based on hard capsule

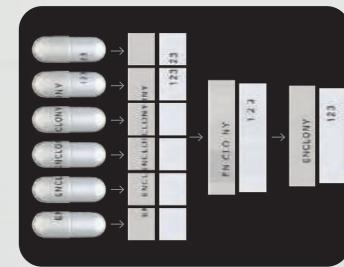


Each capsule is inspected by fourteen 2D cameras capturing the whole surface area (360° cylinder area and both hemispheres areas). An additional infrared camera detects the inside of capsule to check whether it is empty or lacking contents.

Cylinder Parts Renovation to the Band Image



6 images, which form a 360° cylinder area, are combined and flattened after several steps of image reformation algorithm, as shown in the images above. With this, we are able to perform detailed image analysis of cylinder area especially for printed ID 360° surrounded by capsule.





360° Print Analyzation

Geographic analysis enables complete inspection of ID on 360° banded images, including complex printing.















Defect Analyzation

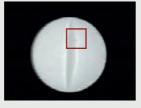


Image taken by Planet

Defect of Chipping



Edge Corner



Split Line Engraving

Defect of Printing







Print erased

Capsule Dent



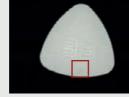
Capsule Pinhole



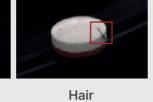
Other Defects







Bump

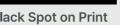




Bump

Capsule Stain

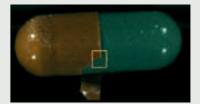




Black Spot on Print Black Spot on Sphere

Joint Defect







Color Defects

Real Image



Stained Spot on Multi-layer



Spot on Multi-layer





Color Deviation



Spot

Spot



Foreign Color on Freckles

Other Defects







Bubble

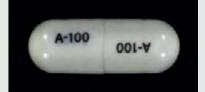
Infrared Camera



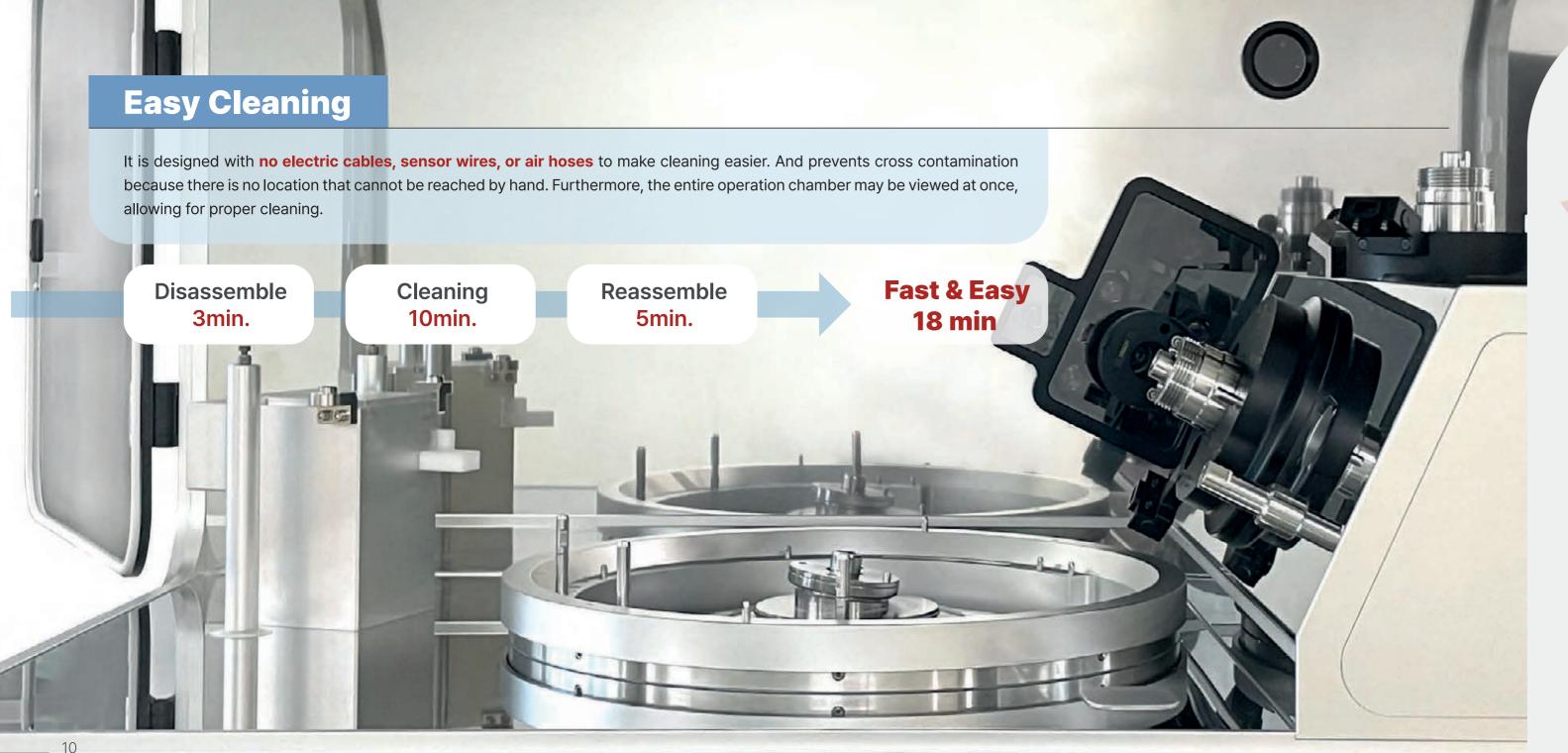
Empty



Short/Long Capsule



Double Cap



Simple Changeover



Step 1. Check the size and

Step 3. The machine automatically shape of the product adjusts the gap

Step 4. Ready for inspection

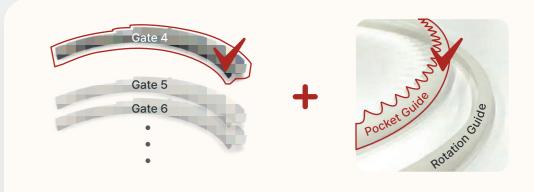








Step 2. assemble suitable parts

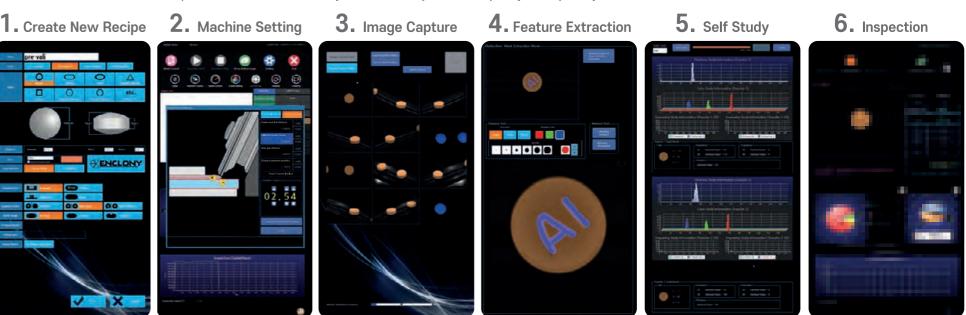


Simple parts combinations and minimize tasks for operators



Easy New Recipe Setting in 30 min.

Your operator can set up the recipe of the new product. Smart HMI guides your operator in 6 steps to get the initial parameters of the new product within 30 minutes, which can be set as your own adjustment per your quality standard.



Running Simulation



Real-Time Operation Status



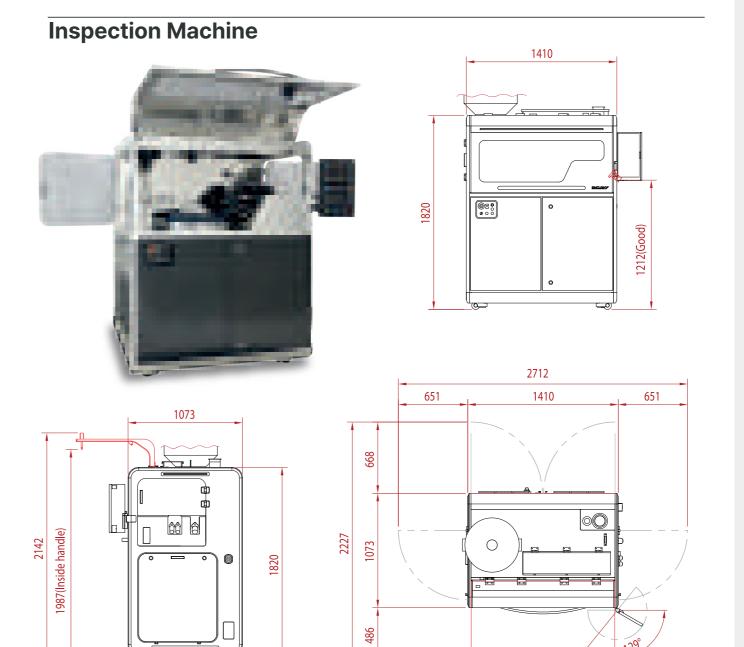
PLANET EV

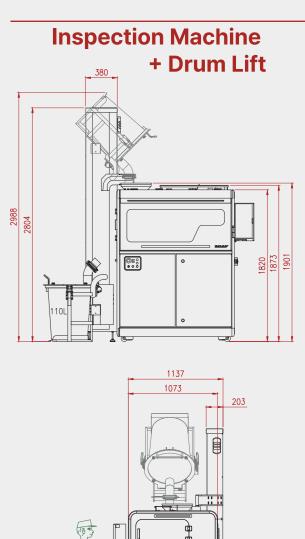
Improvement of Productiveness, **Efficiencies with PLANET Inspection**

Application	Dimension	Electric Power	Compressed Air
Tablet Capsule	W: 1,410 mm D: 1,073 mm H: 1,820 mm	380 V 3phase 50Hz	0.5Mpa <

















Dedicate Parts for Product **Unlimited Recipe**







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