



SOLID DOSAGE TECHNOLOGY

TABLET PRESSING

P Series



 **SEJONG**
FORM AND FILL THE FUTURE

TABLET PRESSING

P Series

✓ Increase the Efficiency of Feeding System

The diameter of feeding system has been enlarged, its driving structure has been improved, bottlenecks have been minimized, and management of the surface condition has been enabled in order to improve the flowability for diverse powders.

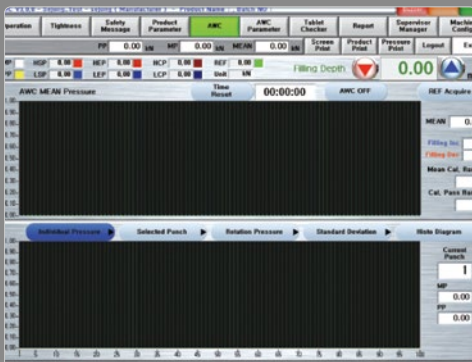
✓ HMI System

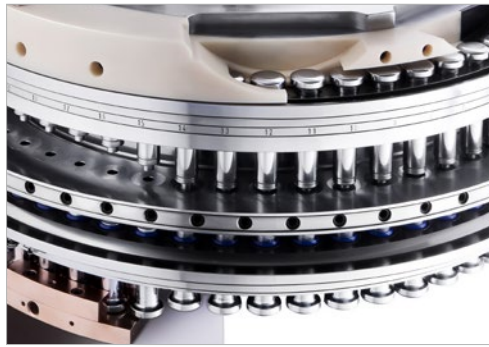
Reports on work logs, alarm occurrences, process changes, etc. can be prepared in compliance with 21 CFR Part 11 regulations, and production management. Quality supervision can be handled responsibly through preparation, management, and inquiry functions.



✓ Automatic Weight Control (AWC) Parameter

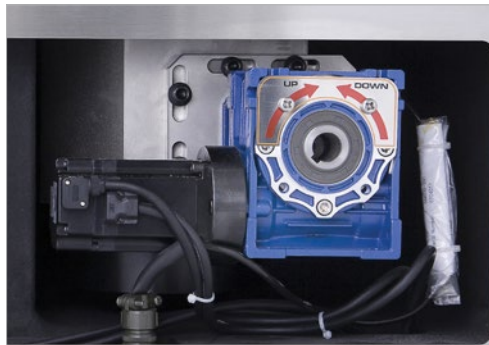
This is a management program that is provided to produce tablet production with accurate weights.





✓ Disc Exchange System

This system allows for quick replacement of discs, punches and rail sets. Replacement time has been reduced by approximately 20% compared to the previous model.



✓ Servo Motor

In this Servo Motor, the pressure rolls, tablet weighting, and disc change are controlled with readings using a pressure-sensitive touch screen display.



✓ Mechanical Feeder

This allows the powder supply to be monitored. It can be easily attached and detached using the direct drive method of the upper or lower motor without tools. It can maintain powder flow consistency to the dies.



✓ Double-layer Tablet Sampling

This system performs the primary automatic sampling function for double-layer tablets. Automatic sampling can be performed while the machine is operational.



✓ Upper punch tight and Upper lubrication system

As the upper down rail is composed of a punch tight rail and a load cell, when the upper punch is not moving up and down smoothly, it detects it immediately and stops the machine to prevent accidents. The oil supplied to support the smooth movement of the upper punch is controlled through the touch screen.



✓ Stop function when upper discharge pressure limit is exceeded

If the ejection pressure for tablet ejection exceeds the set value and the punch is tight in the die, this may damage the machine. To prevent this problem, the ejection rail for tablet discharge is equipped with a pressure sensing load cell to avoid causing damage to the rail and punch.



✓ Tightness

This displays the information on the discharge pressure of the upper punch tightness and lower punch tightness.

OPTION



MECHANICAL FEEDER



CONSTANT AMOUNT FEEDER



DEDUSTER
UNIT



DISK CHANGE TABLE



CALIBRATION KIT



DUST COLLECTING
UNIT



METAL DETECTING
UNIT



POWDER LOADING
UNIT



DRUM/IBC BIN LIFTING
SYSTEM UNIT



METAL-DETECT
DEDUSTING UNIT



TABLET
TESTING UNIT

Lab Scale

P130S, P230D

- Auto Weight Control
- Compact design and lightweight design in consideration of laboratory space utilization
- Optimized for tablet R&D or clinical trials
- Applied 21 CFR Part 11
- Possible to perform individual punch pressure monitoring
- Design applies international standards (ISO 9001, ISO 14001, CE, OHSAS 18001)



/// P130S

- Dedicated to single-layer tablet production
- D/B tooling (4/4 stations) available



/// P230D

- Multi-purpose tableting machine capable of double-layer and single-layer tablet compaction molding
- Automatic sampling of 1st layer tablets during double-layer tablet production
- D/B tooling (5/5 stations) available



Single layer Tablet Press

Description		Lab-scale		
		P130S		
Numbers of stations		4S/4S	8S	9S
Pitch Circle Diameter(ømm)		130		
Max. Output	Single	9,600	19,200	24,300
Revolution of disk(rpm)	Single	15-40	15-40	15-45
Max. Tablet Diameter	Round(ømm)	25/16	25	16
	Oblong(mm)	25/19	25	19
Max. Tablet Thickness(mm)		8.5		
Filling Depth (mm)	0.5-6 / 0.5-4(Optional)	✓/✓	✓	✓
	4.5-10 / 2.5-8	✓/✓	✓	✓
	8.5-14 / 6.5-12	✓/✓	✓	✓
	12.5-18 / 10.5-16	✓/✓	✓	✓
	16.5-22 / 14.5-20(Optional)	✓(D)/-(B)	✓	-
Upper Punch Insert(mm)		1-4		
Max. Pre Pressure(kg-f)		500		
Max. Main Pressure(kg-f)		6,000		
Die type		D/B	D	B
Punch Type		EU-D/B / TSM-D/B	EU-D/TSM-D	EU-B/TSM-B

Bi-layer Tablet Press

Description		Lab-scale			Pilot	
		P230D			P330D	
Numbers of stations		5S/5S	10S	12S	23S	27S
Pitch Circle Diameter(ømm)		230			330	
Max. Output	Single Layer	12,000	24,000 (*36,000)	28,800 (*43,200)	179,400	243,000
	Bi-layer	9,000	18,000	21,600	55,200	81,000
Revolution of disk(rpm)	Single Layer	10-40	10-40 (*60)	10-40 (*60)	15-65	15-75
	Bi-layer	10-30	10-30	10-30	10-40	10-50
Max. Tablet Diameter	Round(ømm)	25/16	25	16	25	16
	Oblong(mm)	25/19	25	19	25	19
Max. Tablet Thickness(mm)		8.5			8	
Filling Depth(mm)	0.5-6 / 0.5-4(Optional)	✓/✓	✓	✓	✓	✓
	4.5-10 / 2.5-8	✓/✓	✓	✓	✓	✓
	8.5-14 / 6.5-12	✓/✓	✓	✓	✓	✓
	12.5-18 / 10.5-16	✓/✓	✓	✓	✓	✓
	16.5-22 / 14.5-20(Optional)	✓(D)/-(B)	✓	-	✓	-
Upper Punch Insert(mm)		1-4 (8)			1-6	
Max. Pre Pressure(kg-f)		1,000			2,000	
Max. Main Pressure(kg-f)		6,000			8,000	
Die type		D/B	D	B	D	B
Punch Type		EU-D/B / TSM-D/B	EU-D/TSM-D	EU-B/TSM-B	EU-D/TSM-D	EU-B/TSM-B

*MARKS ARE CONDITIONS THAT RPM AND OUT-PUTS WITH OIL REFUELING OPTION APPLIED



54, Seounsandan-ro, Gyeong-gu,
Incheon, Republic of Korea
TEL: 032) 508-1284 **FAX:** 032) 508-1288

Product Inquiry

Domestic **E-mail :** domestic@sjpmt.com
 TEL : 032-508-1284 (Ext. 1)

Overseas **E-mail :** sales@sjpmt.com
 TEL : +82-32-508-1284 (Ext. 3)

Customer Service Inquiry

Domestic **E-mail :** custdom@sjpmt.com
 TEL : 1544-5840, 032-508-1284 (Ext. 2)

Overseas **E-mail:** customer@sjpmt.com
 TEL : +82-32-1284 (Ext. 4)



www.sjpmt.com
Scan QR Code
and Visit Our Website

