

1.GENERAL INFORMATION		i-line Stepper, Lens NA 0.57 MAX, Left inline
Tool ID	PAT51	
Serial Number	3067759	
Vintage	2003	
OEM	Canon	
Model	FPA-5500iZ	
Process	LITHO - i-line STEPPER	
Software version	V70.11A.15	
2.WAFER SPECIFICATION		
Wafer Size	200MM	
Wafer Shape	SNNF (Semi Notch No Flat)	
Wafer Cassette	8" PP Miraiial	
SMIF Interface	No	
3. SYSTEM CONFIGURATION		
3-1. Projection Lens / Illumination System		
Magnification	1/4	
NA	0.45 ~ 0.57	
Field Size	26 x 33mm	
Illumination σ (Conventional)	0.75~0.40 (at NA=0.57)	
Illumination σ (Annular)	NA0.57 Outer σ 0.75 Inner σ 0.50	
Light Source	i-line(365nm)	
Reticle Blind Setting Area	Max : Field size, Min : 0.4 x 0.4mm	
3-2. Reticle Alignment		
Alignment sensor	Image processing method	
3-3. Reticle Stage		
Reticle Holder size	6inch	
Interferrometer	3 axis	
3-4. Wafer Alignment		
Alignment sensor	Image processing method	
Alignment Light Source	590±60nm (wavelength selectable)	
3-5. Wafer Stage		
Wafer Holder size	200mm	
Interferrometer	6 axis	
3-6. Wafer Feeder		
Pre-alignment	Edge detection system (non-contact)	
Chuck maintenance	Auto Chuck Clean & Load/Unload System	
Inline Type	Left Inline	
3-7. Reticle Changer		
Library#	29	
Reticle Case Type	Canon Type	
Particle checker	Pellicle Particle Checker(PPC)	



Canon Model **FPA-5500iZ**

Air and Vacuum / 圧空系及びガス

	Supply Pressure (Gauge) 供給圧 (ゲージ圧) (MPa)	Setting Pressure (Gauge) 設定圧 (ゲージ圧) (MPa)
Pressured Air (P) 高圧空気 (Rc1/2)	0.6 ~ 0.9	0.55/0.55/0.4/0.3
Clean Dry Air (CDA) 清浄乾燥空気 (Rc1/4)	0.35 ~ 0.9	0.3
N ₂ gas (N) 窒素ガス (Rc3/8)	0.4 ~ 0.9	0.35
Vacuum (V) 真空 (Rc3/8)	-0.1 ~ -0.07	-0.07

Cooling Water / 冷却水

Supply Temperature 供給温度 (°C)	Supply Pressure / 供給圧 (MPa) Gauge / ゲージ圧 Difference / 差圧	Flow 流量 (l/min)
25 ~ 35	0.2 ~ 0.4	0.10 ~ 26.0 ~ 63.0

Power Supply / 電源

	Voltage 電圧	Frequency 周波数	Phase 相数	Wire 線数	Power Consumption 消費電力
MAIN 1	200V	50/60Hz	3Φ	3W, 1PE	9.7kVA
MAIN 2	200V	50/60Hz	3Φ	3W, 1PE	22.0kVA

DRAWING No. 受電設備図面・設置番号 CC1-0120B001

Weight / 重量

Stepper main unit + Environmental chamber
ステッパー本体 + 環境チャンバー **11610kg**

Serial Number / 製造番号

Stepper main unit
ステッパー本体 **No.3067759**

Environmental chamber
環境チャンバー **CD16031R051**

Production Years / 製造年月

2003-6

Canon Inc. **MADE IN JAPAN**
BE4-1548

