



ESC, Photo Chuck

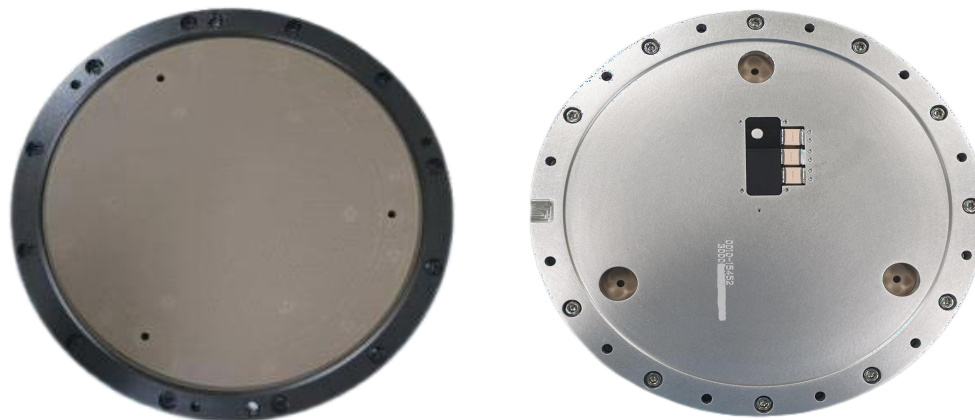
2nd New

ESC 2nd New

ITEM: DPS-Metal AlN Puck type

A*AT 200mm

P/ N : 0010-15452



AlN Plate





Same physical properties with OEM part

ITEM	UNIT	OEM	2nd New	REMARK
CeramicPuck	-	AlN	AlN	
Purity	%	≥99.9	≥99.9	
VolumeResistivity	Ω.cm	10 ¹⁰ ~ 10 ¹²	10 ¹⁰ ~ 10 ¹²	@500V
ThermalConductivity	W/mK	90	92	@RT
Density	g/cm ³	3.26	3.26	

ESC 2nd New





L*M Dielectric(Oxide) Etch 12"

Image	Equipment	OEM P/N
	2300 Exelan	839-800327-315
	2300 Flex	839-800327-385
	2300 Flex 45	839-800327-390/391/410/412/ 418/419/423/432
	2300 Flex DX	839-800327-438

Image	Equipment	OEM P/N
	2300 Flex EX	839-800327-508/509/518/519
	2300 Flex GX	839-800327-523/525/526/562
	2300 Flex ES/EL Flex FS/FL	839-019090-577
	2300 Versys Star	839-019090-324

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L*M Conductor(Poly, Metal) Etch 12"

Image	Equipment	OEM P/N
	2300 Versys Kiyō	839-019090-328
	2300 Kiyō 45	839-019090-374
	2300 Kiyō C X Kiyō E X Kiyō FX	839-019090-608
	2300 Kiyō C X Kiyō E X Kiyō FX	839-019090-611/620

A*AT Conductor(Poly, Metal) Etch 12"

Image	Equipment	OEM P/N
	DPSII	0040-33215
		0010-30277

A*AT HDP-CVD 12"

Image	Equipment	OEM P/N
	Ultima	0040-48594

ESC 2nd New



L*M Dielectric(Oxide) Etch 8"

Image	Equipment	OEM P/N
	Rainbow4720	718-092326-081
	Aliance9400 8"Flat Type	718-094523-281
		718-094523-282
	TCP9600	718-094756-081
		718-094756-082
	TCP4720	839-252352-001
		839-243056-001
		839-253056-001



Image	Equipment	OEM P/N
	Rainbow 4520i	839-440462-306
		839-440562-306
	Rainbow 4520i	839-440462-308
		839-440562-308
	Exelan HP	839-440462-508
		839-440562-508
	Exelan HPT	839-440462-518
		839-440562-518

ESC 2nd New

A*AT Conductor(Poly/Metal) Etch 8"

Image	Equipment	OEM P/N
	DPS + Poly DPS + Metal	0195-08980
		0195-07994
	DPS II	0040-54755

A*AT HDP-CVD 8"

Image	Equipment	OEM P/N
	Ultima	0040-32905
	Ultima	0040- 18053
		0040- 18208
		0040- 18219

T*L Dielectric(Oxide) Etch 8"

Image	Equipment	OEM P/N
	SCCM	1810-121864-11
		1D85-010782-13
	DRM	1D10-101567-12
		1D10-101965-12
		1D85-006979-12
		1D85-009005-13

L*M Dielectric(Oxide) Etch 8"

Image	Equipment	OEM P/N
	Exelan	839-019090-223
		839-019090-225
	2300 Flex	839-800327-226

ESC 2nd New

T*L & A*AT 8"


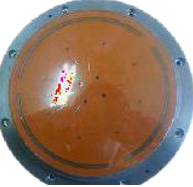
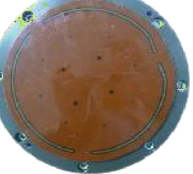

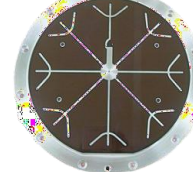
Image	Equipment	OEM P/N
	UNITY-II-85DD 8" DD08N	1D10-100956-12
	UNITY-II-85DI 8" (IEM-8J-UP)	1810-121603-11
	TE-8500 8" (UNITY-II-85DP)	1810-120900-13
	UNITY-II-85DI 8" (IEM-8J-UP)	1810-121188-11 1810-121189-12

Image	Equipment	OEM P/N
	MxP-5200 Poly 8" MP208F	0010-10527 / 10529 0040-31817 / 09957
	DPS POLYIMIDE 8"	0020-39087 0090-35113 0040-77771 0040-99957

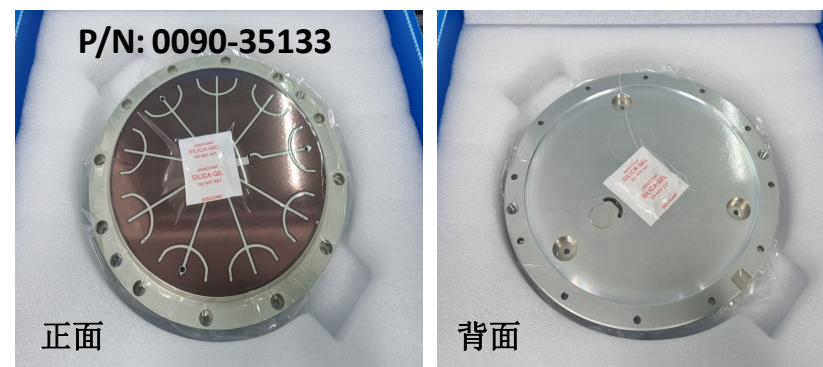


Photo Chuck ASML


Image	Equipment	Machine Models	
		ASML 8"	ASML 12"
	I – Line(365nm)/ ≤350nm	5500/100	TWINSKAN XT:400G
		5500/200	TWINSKAN XT:450G
		5500/300	
		5500/400	
		5500/500	
	KrF(248nm) / ≤110nm	5500/700	TWINSKAN XT:870G
		5500/800	TWINSKAN XT:875G
		5500/850	TWINSKAN XT:1000H
	ArF(193nm)/ ≤90	5500/1100	TWINSKAN XT:1450G
		5500/1200	
		5500/1250	
		5500/1400	
	Immersion ArF (193nm) / ≤45		TWINSKAN XT:1700Fi
			TWINSKAN XT:1900Gi
			TWINSKAN XT:1950Hi
		TWINSKAN XT:1950i	

Photo Chuck Canon

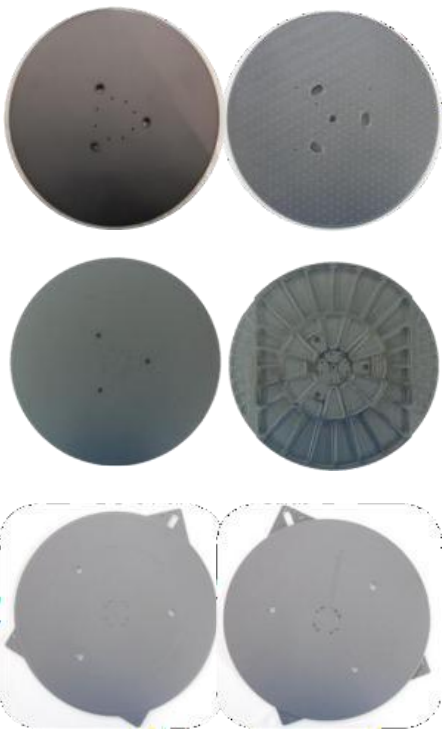

Image	Equipment	Machine Models	
		Canon 8"	Canon 12"
	I – Line(365nm) / ≤350nm	FPA3000IW	
		FPA2500I2	
		FPA3000I4	
		FPA3000I5	
		FPA3000EX3	FPA5500IZ+
		FPA3000EX4	
		FPA3000EX5	
	KrF(248nm)/ ≤110nm	FPA3000EX6	
		5500/1100	FPA5000ES2
		5500/1200	FPA5000ES2+
5500/1250		FPA5000ES3	
ArF(193nm)/ ≤90	5500/1400	FPA5000ES4	
		FPA6000ES5	
		FPA6000ES6	
		FPA6000AS4	
		FPA6000AS5	

Photo Chuck Nikon

Image	Equipment	Machine Models	
		Nikon 8"	Nikon 12"
	I – Line(365nm) / $\leq 350\text{nm}$	I9C/10C/11D/12D	SF- 150
		NSR2205 I14D	
		SF- 100	
		SF- 120	
		SF- 130/140	
	KrF(248nm)/ $\leq 110\text{nm}$	S101A	
		S201A	
		S203A	
		S204B	
		S205/206D	

A*AT P5000 C- Chuck, P-chuck

Image	Size	Equipment	type	OEM P/N	Description
	6"	A*AT P5000	C-huck	0010-02737	ASSY, C-CHUCK, 200/150MM, CIP99
	8"	A*AT P5000	C-huck	0010-18020	C-CHUCKASSY, 200MM, CIP99, ENHANCED
	6"	A*AT P5000	C-huck	0010-18022	C-CHUCKASSY, 150MM, CIP99ENHANCED
	8"	A*AT P5000	C-huck	0010-37143	CERAMIC CHUCK, 200/150MM, THK CBL
	8"	A*AT P5000	C-huck	0010-37144	CERAMIC CHUCK 200MM, THK CBL, N-D
	6"	A*AT P5000	C-huck	0190-09544	PLATE ASSY, PLASMA CHUCK, 150/125MM, N-D
	6"	A*AT P5000	P-chuck	0010-02740	P-CHUCK ASSY, 150MM, CIP99
	6"	A*AT P5000	P-chuck	0010-02741	ASSY, P-CHUCK, 150/125MM,CIP99
	8"	A*AT P5000	P-chuck	0010-17146	C-CHUCK ASSY, 200MM, CIP99, ENHANCED
	8"	A*AT P5000	P-chuck	0010-37266	ASSYP-CHUCK200MMTHICK CABLE W/GRND TC
	8"	A*AT P5000	P-chuck	0010-37269	ASSY, P-CHUCK, 200MM, CIP 99
	8"	A*AT P5000	P-chuck	0010-38437	ASSY, P-CHUCK, 200MM, CIP 99, ENHANCED
	8"	A*AT P5000	C-chuck	0010-38438	C-CHUCK ASSY, 150MM, CIP99, ENHANCED

CMP Head

P/N: 0010-13667

300mm Contour CMP Head



P/N: 0010-05828

200mm CMP Head Titan I



P/N: 0010-77775

200mm CMP Head Titan II

