

Wafer Transfer Robot

Specification

ITEM	DATA	NOTE
Model Name	STRW4S-138S	
Applicable Wafer Size	450mm	
Degree Of Freedom	3Axis(All AC Servo Motor)	
Work Range	Z : 800mm	DWG Reference
	T : 280 °	
	R : 830mm	
Max. Speed	Z : 800mm/s	
	T : 180 °/s	
	R : 1000mm/s	
Repeatability	±0.1mm	
End Effector	Aluminium – Grip Guide	

Wafer Transfer Robot

Specification

ITEM	DATA	NOTE
Model Name	STRW4S-148D	
Applicable Wafer Size	450mm	
Degree Of Freedom	4 Axis(All AC Servo Motor)	
Work Range	Z : 800mm	DWG Reference
	T : 280 °	
	R1 : 830mm	
	R2 : 830mm	
Max. Speed	Z : 800mm/s	
	T : 180 °/s	
	R1 : 1000mm/s	
	R2 : 1000mm/s	
Repeatability	±0.1mm	
End Effector	Aluminium – Grip Guide	

Wafer Transfer Robot

Specification

ITEM	DATA	NOTE
Model Name	STRW4S-148T	
Applicable Wafer Size	450mm	
Degree Of Freedom	4 Axis(All AC Servo Motor)	
Work Range	Z : 800mm	DWG Reference
	T : 280 °	
	X1 : 770mm	
	X2 : 770mm	
Max. Speed	Z : 800mm/s	
	T : 180 °/s	
	X1 : 1000mm/s	
	X2 : 1000mm/s	
Repeatability	±0.1mm	
End Effector	CFRP(Carbon Fiber Reinforced Plastic) – Grip Guide Ceramic Hand - Vacuum Type	

Wafer Transfer Robot

Specification

ITEM	DATA	NOTE
Model Name	STRW4T-135S	
Applicable Wafer Size	450mm	
Degree Of Freedom	3Axis(All AC Servo Motor)	
Work Range	Z : 500mm	DWG Reference
	T : 280 °	
	R : 750mm	
Max. Speed	Z : 500mm/s	
	T : 180 °/s	
	R : 1000mm/s	
Repeatability	±0.1mm	
End Effector	CFRP(Carbon Fiber Reinforced Plastic) – Grip Guide Ceramic Hand - Vacuum Type	

Wafer Transfer Robot

Specification

ITEM	DATA	NOTE
Model Name	STRW4T-145D	
Applicable Wafer Size	450mm	
Degree Of Freedom	4 Axis(All AC Servo Motor)	
Work Range	Z : 500mm	DWG Reference
	T : 280 °	
	R1 : 800mm	
	R2 : 800mm	
Max. Speed	Z : 500mm/s	
	T : 180 °/s	
	R1 : 1000mm/s	
	R2 : 1000mm/s	
Repeatability	±0.1mm	
End Effector	CFRP(Carbon Fiber Reinforced Plastic) – Grip Guide Ceramic Hand - Vacuum Type	

Wafer Transfer Robot

Specification

ITEM	DATA	NOTE
Model Name	STRW4T-145T	
Applicable Wafer Size	450mm	
Degree Of Freedom	4 Axis(All AC Servo Motor)	
Work Range	Z : 500mm	DWG Reference
	T : 280 °	
	X1 : 770mm	
	X2 : 770mm	
Max. Speed	Z : 500mm/s	
	T : 180 °/s	
	X1 : 1000mm/s	
	X2 : 1000mm/s	
Repeatability	±0.1mm	
End Effector	CFRP(Carbon Fiber Reinforced Plastic) – Grip Guide Ceramic Hand - Vacuum Type	