



Satellite Atmospheric Robotic Arms

Robotic Components

	HAtm-4.0	HAtm-5.0
Z-Travel	10mm Up from the Home Position	184mm Up from the Home Position
Rotational Travel	365° CW from the Home Position	
Reach	329mm from Home Position (with 114mm standard arms)	465mm from center (with 140mm standard arms)
Z-Repeatability	±0.05mm (measured at the wrist)	±0.03mm (measured at the wrist)
Reach Repeatability	±0.1mm (measured at the wrist)	±0.03mm (measured at the wrist)
Rotational Repeatability	±0.01° (measured at the wrist)	
Z-Speed	±450mm/s	
Reach Speed	±1000mm/s	
Rotational Speed	±360°/s	
Maximum Payload	0.5 Kg (standard configuration)	
Power	24VDC @ 3.0 Amps	24VDC @ 7.0 Amps
Weight	5 Kg	14 Kg
MCBF	> 1.5 x 10 ⁷ Cycles	
Stations Available	60	
Position Teaching	Teach Utility Included	
Control Interface	Digital, RS-232 and Ethernet	Digital, RS-232 & Ethernet