

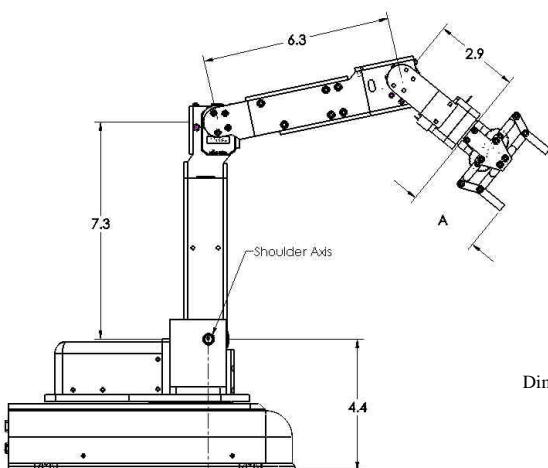


# Mini Me<sup>®</sup> Model ME-100

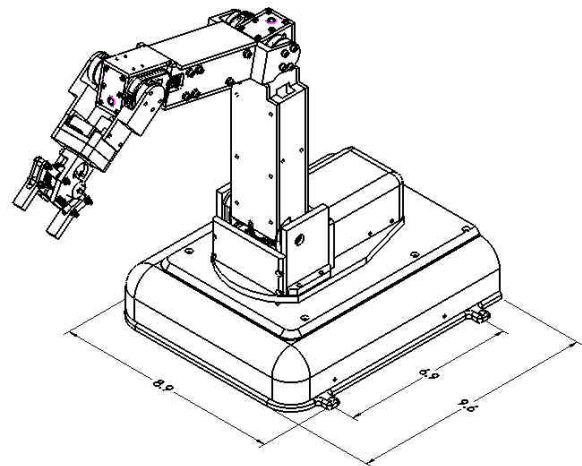
## Benchtop Robotic Arm

Base Robotic Arm system - suitable for pick and place applications. Base system comes equipped with standard gripper. 3D vision option is available. Customizing options available for end effector for specialized applications and to enable tool use.

Parameter	Value	Units	Notes
Weight, Robot	15 (6.8)	Lbs (kg)	
Motion time	1.0 - 1.5	Sec	Time to perform a 180 degree motion in the shoulder rotation axis (worst case move).
Power consumption	30	Watts, rms	
Payload	0.5 - 1.0 (0.22-0.45)	Lbs (kg)	Dependent upon gripper configuration and arm positioning.
Accuracy	0.039 (1.0)	Inches (mm)	Measured as repeatable 3D error when moving to a set position from a random starting point.
Repeatability	0.025 (0.6)	Inches (mm)	Measured as repeatable 3D error when moving to a set position from the same starting point.
Arm length at max extension	17.5 (44.5)	Inches (cm)	
Programming	PC required with USB or RS-232 link. Programming uses simple human readable text based script files. Windows 2000/XP/Vista compatible. PC is not included.		
Operation	May be operated directly by PC link or in stand alone mode without PC.		
Standard Interfaces	RS-232, RS-485		
Optional PLC interfaces	8 discrete wire interface (4 in/4 out), opto-isolated, User programmable via scripting.		
Weight, Electronics Enclosure	15 (6.8)	Lbs (kg)	
Size, Electronics Enclosure	8" w x 10" d x 9" h (20 x 25 x 23 mm)		Electronics connects to arm via a pair of 10' cables to allow locating the drive electronics remotely.



Dimensions are in inches



All values are nominal. Specifications subject to change without notice. Graphs and charts are for reference only.

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