

SPECIFICATIONS

Machine operating system	Windows	
Operator interface	MaestroLight	
CamConductor Off-Line Programming software		
Teach camera		
Witness camera		
Material Handling	PCB, max size w/o rotation	300x450 mm
	PCB, max size W/rotation	450x450 mm
	Manual tool-holder Edge clearance	3-mm
	Conveyor edge clearance	3-mm
Motion	Motors	Stepper
	X-axis, repeatability	+/- .05 mm repeatability
	X-axis, Speed	0-100 mm
	X-axis, travel distance	600-mm
	Y-axis, repeatability	+/- .05 mm repeatability
	Y-axis, speed	0-66.6 mm/sec
	Y-axis, travel distance	300-mm
	Z-axis, repeatability	+/- .05 mm repeatability
	Z-axis, speed	0-66.6 mm/sec
	Z-axis, travel distance	112-mm
	Tilt-axis, Pneumatic (single)	Fixed, manual 8-deg.
Flux	Spray	Standard
	drop-jet	Customer to specify
	ultrasonic	Customer to specify
Solder management	Lead-free compatible	
	N2-Flow rate	30-CFH min./Gaussian solder wave
	N2-Pressure	80 PSI delivered to the system
	N2-Tempertaure control	PID
	N2-Purity	<20-PPM Oxygen
	Solder pot capacity	35-lbs
	Temperature range	20-330 C
	Solder pot temp. control	PID
	Solder pump(s)	1-with system
	Pump motor	stepper driven
	Gaussian solder wave height	6-mm max. typical
	Gaussian solder wave stability	.25-mm std. dev.
	Keep-Away	<1.5 mm typical
	Lead Protrusion	6-MM Max. Typical
	solder nozzles included with system	3-sizes
Physical	Dimensions	1200-mm W x 800-mm D x 450-mm H1050-mm
	Weight	350-lbs est.
	Power	50-60HZ 20 AMPS
	Air	2 min CFH @ 80-PSI
	Nitrogen	See solder management
	Exhaust	150-CFH

