



# Odyssey 1325 Lead Tinning System

RPS lead tinning systems are automated, hands-free robotic platforms designed to tin component leads for re-conditioning and re-tinning applications, including high reliability. Available features include flux and solder stations, pre-heat, dynamic or static solder and dip flux baths, as well as clean and dry stations. RPS provides total control to set process parameters with immersion depths, dwell times, insertion and extraction speed, acceleration, impeller speeds, and all I/O.

Odyssey 1325

Lead Tinning System

Operations	
Computer	Windows 7 PC
Loading	Auto Option
Station Configurability	Standard; static solder, dynamic solder, dynamic flux
Accuracy	X   Z Axes ± .002"   0.025mm
Programmability	Unlimited program storage capacity
Immersion Depth	Programmable ± .002"   0.0125mm
Speed in/out	Programmable 0-3"/second
Immersion Time	Programmable in milliseconds

Solder Management	
Temp Control	PID proportioning (0-400°C) ± 2°C
Solder Pot	Electro Polished Stainless Steel
Process Range	(W x L x D) 5 x 8 x 4"   125 x 200 x 100" mm
Capacity	Static 35 Lbs   18 kgs
Dynamic	300 Lbs   140 kgs
Static Dross Wiper	Standard
Lead Free Ready	Standard
Flux Station Range	5 x 8 x 4"   125 x 200 x 100 mm
Dynamic Flux Option	Recirculating

Additional Stations	
Rinse Station	Option
2nd Flux Statio	Option
Dry Station	Option
PreHeat Station	Option

Physical	
Electrical	IR 0 - 500 C (± 2 C) 220VAC   1Ø 3Wire   50-60hz   40amp
Weight	1750 lbs
Certification	UL and CE Labeled
Air	80 PSI
Dimensions	(W x L x D) 72 x 44 x 55"
Exhaust	20 SCFH (ft3)   0.56 CMH (m3)
Nitrogen	<100 PPM @ 100 CFH (option)

