

ONE CUSTOMER AT A TIME™

**RPS**

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# Odyssey Lead Tinning System

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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

## Lead Tinning System

### Operations

Computer	Windows 7 PC
Loading	Auto Option
Station Configurability	Standard; static solder, dynamic solder, 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
Interpolated Motion	5 Axis Simultaneous Motion

### Solder Management

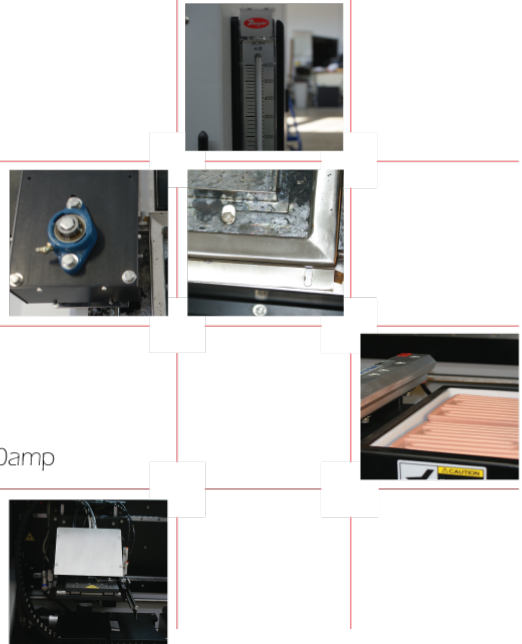
Temp Control	PID proportioning (0-400°C) ± 2°C
Solder Pot	Electro Polished Stainless Steel
Process Range	(W x L x D) 5 x 8 x 4"   125 x 200 x 100" mm
Capacity	Static 35 Lbs   18 kgs
Dynamic	300 Lbs   140 kgs
Static Dross Wiper	Standard
Lead Free Ready	Standard
Flux Station Range	5 x 8 x 4"   125 x 200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

### Additional Stations

Rinse Station	Option
2nd Flux Station	Option
Dry Station	Option
PreHeat Station	Option

### Physical

Electrical	IR 0 - 500 C (± 2 C) 220VAC   3Ø 5 Wire   50-60hz   60amp
Weight	900 lbs   410 kgs
Certification	UL and CE Labeled
Air	80 PSI
Dimensions	(W x L x D) 72 x 24 x 36"   1830 x 635 x 915mm
Exhaust	20 SCFH (ft3)   0.56 CMH (m3)
Nitrogen	<100 PPM @ 100 CFH (option)



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Free software upgrades | 1 year system warranty | Lifetime solder pot warranty

