



Odyssey 925 Lead Tinning System

The Odyssey 925 Lead Tinning System is a production volume lead tinning system for electronic component tinning and re-tinning applications. The Odyssey 925 can be configured with 4 stations, including a 35-lb solder pot for scavenge, a flux station, a preheat station, and a dynamic solder pot for high precision tinning application. The system is controlled through direct drive leadscrew motion. Rotation is available to handle DIP's, QFPs and other multi-sided components.

Odyssey 925

Lead Tinning System

Operations

Computer	Standard
Station Configurability	Standard; static solder, dynamic solder, flux
Accuracy	X Z Axes $\pm .002"$ 0.025mm
Programmability	Unlimited program storage capacity
Immersion Depth	Programmable $\pm .002"$ 0.0125mm
Speed in/out	Programmable 0-3"/second
Immersion Time	Programmable in milliseconds
Interpolated Motion	4 Axis Simultaneous Motion

Solder Management

Temp Control	PID proportioning (0-400°C) $\pm 2^\circ\text{C}$
Solder Pot	Electro Polished Stainless Steel
Solder Range Dynamic	(W x L x D) 2.5 x 4.5 x 4" mm
Solder Range Static	(W x L x D) 8.5 x 5.5 x 2.75" mm
Static Dross Wiper	Standard
Lead Free Ready	Standard
Flux Station Range	4 x 4 x 2" 100 x 100 x 50 mm

Additional Stations

Capacity	Up to 4 Stations
Rinse Station	Option
Dynamic Flux	Option
PreHeat Station	Option

Physical

Electrical	IR 0 - 500 C (± 2 C) 220VAC 1Ø 3 Wire 50-60hz 30amp
Certification	UL and CE Labeled
Air	80 PSI
Exhaust	20 SCFH (ft3) 0.56 CMH (m3)
Nitrogen	<100 PPM @ 100 CFH (option)



Free software upgrades | 2 year system warranty | 4 year solder pot warranty



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