

RPS PRESTO (202-TL-2) LEAD TINNING SYSTEM



The Presto Lead Tinning System is an automated platform for electronic component tinning and re-tinning applications. The most compact of the RPS Lead Tinning Systems, the Presto is designed for small volume production. This table-top system features two (2) 15-lb solder pot stations, one for scavenge and one for new solder, as well as a central flux station. All solder pots are lead-free ready and come with a lifetime warranty.

Using standard quick-change component tool holders, the Presto can handle an array of components, such as axials, caps, transistors, SMDs, and those with 2mm pitch and standard lead lengths. The optional dynamic solder pot is recommended for LCC, QFP, tight pitch and short lead components. RPS's rapid custom tool holder fabrication service can solve any odd-form or exotic component handling challenges.

The Presto meets Hi-Rel, Military, ANSI and JEDEC standards.

All RPS Systems are made in the USA and feature a full one year warranty and lifetime solder pot warranty.

Advantages:

Benefits :

- Precise Process Repeatability
- Superior Results vs Hand Tinning
- Space-Saving Footprint
- Minimal Operator Intervention

Features

- Precision PID Temperature Controls
- Automatic Dross Wiper
- High Precision X & Z Motion Control | $\pm .001''$
- Easy Touch Screen Programming

Warranty

- One (1) Year System Warranty
- Lead & Lead-Free Ready
- Lifetime Solder Pot Warranty

Presto System Options

Wave Solder Nozzle

Dip Solder Nozzle

Dynamic Solder Bath

Dynamic Solder Pot

Nitrogen Inertion

Single Solder Station

Standard Tooling

Starter Tool Kit

Custom Tooling

Control CONTROL A PLC & stepping motor drive system manage the robotics. Touch screen controller is end-user friendly for programming, editing and manual jog capabilities. I/O controls provide auxiliary functions such as optional rotation and dynamic solder pot with nitrogen inertion. Up to 30-40 average length programs can be stored in memory.

Configuration	3 Stations Two (2) Solder Stations One (1) Flux Station
Operation	PLC HMI Touch Screen
Accuracy Z-Axis	$\pm .001''$ 0.025mm
Accuracy X-Axis	$\pm .001''$ 0.025mm
Programmability	30 program storage capacity
Immersion Depth	Programmable in .001" steps
Speed in/out	Programmable 0-6"/sec
Immersion Time	Programmable in milliseconds
Multi Axis Motion	Independent Sequential

Solder Management

Temp Control	PID proportioning (0-325°C) ± 2°C
Solder Pot	Electro Polished Stainless Steel
Process Range	4 x 6 x 2.5" (W x L x D) 100 x 150 x 64 mm
Capacity	15 lbs 6.8 kgs
Lead Free Ready	Yes
Static Flow	Standard
Dross Wiper	Standard
Dynamic Solder	Option

Flux

Static	Cascade Overflow Method
Dimensions	3.5 x 3.5 x 1" (W x L x D) 88 x 88 x 25 mm

Physical

Electrical	110 VAC 1Ø 50-60 Hz 20 amp
Certification	UL and CE Labeled
Dimensions	(WxDxH) 36 x 21 x 16" 900 x 550 x 400 mm
Weight	150 lbs 68 kg
Air	80 PSI
Nitrogen	<100 PPM Purity @ 50 CFH (N2 Inertion)