



Technologies
CORPORATION



circuit techniques
LANTRONIC

LANTRONIC® has a long standing reputation as a manufacturer of high quality Hot Air Solder Leveling (HASL) Systems. An on going research and development program in partnership with ACS Technologies has resulted in the latest generation of low cost Lead-Free HASL Systems. Lantronic® HASL Systems are built to the highest standard. Simple operation and maintenance procedures are features of the machines.

- ⊕ *SMT Air Knife Design*
- ⊕ *Automatic and Manual Functions*
- ⊕ *Stationary Air Knives*
- ⊕ *Diamond Shape Solder Pot*
- ⊕ *.008" Gap Technology*
- ⊕ *Adjustable Top and Bottom Board Guides*
- ⊕ *Enclosed Soldering Chamber*

**LEAD FREE
SOLDER SYSTEM!**



Models 204-S and 206

Model 204-S and 206 Standard Features

Controls

The functions of the Model 204-S and 206 are controlled by Relays and monitored by Temperature Controllers.

Operations Parameter Display

Temperature Controller displays the present value of the Solder Pot and Air Knife temperatures at all times. Separate Counters display the selected Dwell Time of the Solder Pot and the selected Level Time of the Air Knives.

Amperage Meters

Three Amperage Meters, one per leg to monitor the amperage draw of the Solder Pot at all times. This eliminates the need for the maintenance person to stop production, if he feels the need to take an amperage reading. The displays are right there!

Manual Functions

Operator can manually blow the Air Knives, position the Clamp Assembly in either the up or down position and close the Safety Door while the machine is not in operation.

Air Knife Adjustments

Construction of titanium, both the front and rear Air Knife Angle and Distance can be adjusted and are independent of each other. The temperature of the Air Knives are adjustable as well and feature the "LanTroFlow" heating system. In addition, the Air Knife Chamber can be easily removed from the system for complete access to the Solder Pot.

Clamps

Constructed of titanium, the Clamps completely immerses into the Solder Pot for shorter Dwell Times. You can position the Clamps in different variations giving you flexibility.

Board Guides: Top and bottom Board Guides ensure safe passage of the PCB's.

Automatic Safety Door: Ensure the safety of the operator during the leveling cycle.

Construction: Machine is constructed of Stainless Steel.

Warranty: 6 month parts, FOB our factory.

Technical Features	204-S	206
Max Panel Size	18" x 24"	24" x 24"
Max Panel Thickness	.125"	.125"
Solder Pot Capacity: Tin Lead	572 Pounds	640 Pounds
Solder Pot Capacity: Lead-Free	503 Pounds	563 Pounds
Electrical	208/240 VAC - 3 Ph. - 45 Amps	208/240 VAC - 3 Ph. - 55 Amps
Air	100/120 PSI – 30 to 60 CFM - 1¼" Inlet	100/120 PSI – 30 to 60 CFM - 1¼" Inlet
	120 Gallon Air Accumulator Tank within 6' of Machine	
Exhaust	425 CFM – 6" Duct	750 CFM – 6" Duct
Weight	600 Pounds	1100 Pounds
Dimensions	52" w x 24" d x 71" h	70" w x 25" d x 83" h

To complement the range of HASL systems, ACS offers a complete line of Horizontal Pre/Post Cleaning Systems, Fluxing Systems, Dryers, and Material Handling Systems. For further info call ACS direct at 479-846-2403 or visit www.acs-tech.com.

