

Polaris
ELECTRONICS CORP.



Accu-Weld 7100 AC/CD Projection Welder

- Up to 2000 parts per hour throughput
- Field-proven for over 30 years
- Hermetically seals Crystal, TO, Platform & other microelectronic and optoelectronic packages

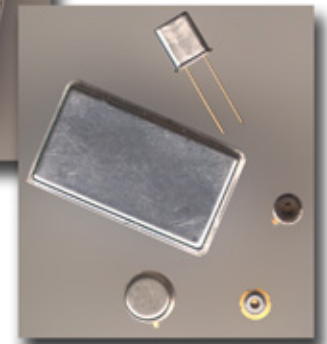
Accu-Weld 7100 AC/7200 CD Multi-Station Welder

For over three decades, this 8-station rotary cap welder has proven its reliability, accuracy and speed. The high-yields, dependability and lower initial investment make the 7100 the top choice for demanding production schedules.

- Welds microelectronic and optoelectronic packages: DIP packages, TO, optical, semiconductor, crystal and custom packages
 - Weld to MIL SPEC 883
 - Energy output independent of power fluctuations
 - Adjustable weld head and travel speed
 - Automatic ejection of welded packages
 - Production rates up to 2000 packages per hour
 - Stand alone or enclosed in an atmosphere chamber
 - Pre-aligned/indexed electrodes for easy dressing and changing
 - CE certified
 - High accuracy and repeatability of phase angle controlled power
 - Heat pulse amplitude and duration fully adjustable
 - Available with pre-heat or post heat
 - Self-diagnostics with error read-out
 - Multiple weld cycle modes
 - Weld time up to 99 cycles
 - 7100 AC provides an economical power supply for high thru-put, flexibility and accuracy
 - 208/480 VAC 50/60 Hz Single Phase
- 7200 CD Multi-Station Welder**
- Short, high intensity pulse reduces peripheral build-up and concentrates energy in weld zone
 - Designed for delicate materials, larger package sizes and line voltage variations
 - May be configured with output ranges from 100 to 12,000 Joules
 - Transformers coordinated with power supply output levels for utmost efficiency



Optional Atmosphere Chamber with Vacuum/Bake-Out Oven and Pass-thru Interlock Chamber



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630 S. Rogers Rd.
Olathe, KS 66062
(913) 764-5210
FAX: (913) 764-5045
E-Mail: sales@polariselectronics.com
www.polariselectronics.com