

Polaris
ELECTRONICS CORP.



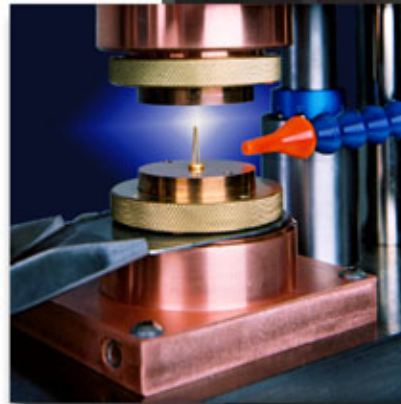
Accu-Weld 5100 AC/CD Projection Welder

- **Thirty years of field-proven reliability and performance**
- **Production rates up to 800 per hour to Mil Spec883**
- **Hermetically seals Crystal, TO, Platform, Semiconductor & other microelectronic and optoelectronic packages**

Accu-Weld 5100 AC/5200 CD Single-Station Welder

When you need a reliable, economical, easy-to-use projection welder, you need the Accu-Weld 5100 AC/5200 CD. For thirty years, this field-proven welder has delivered accurate and repeatable welds and at an exceptionally low cost.

- Hermetically welds microelectronic and optoelectronic packages: DIP packages, TO, optical, semiconductor, crystal and custom packages
 - Welds to MIL SPEC 883
 - Adjustable weld head and travel speed
 - Automatic ejection of welded packages
 - Production rates up to 800 packages per hour
 - Stand alone or enclosed in an atmosphere chamber
 - Pre-aligned/indexed electrodes for easy dressing and changing
 - Self-diagnostics with error read-out
 - Economical power supply provided for high through-put, flexibility and accuracy
 - CE certified
 - 208/480 VAC, 50/60 Hz, Single Phase
- 5100 AC Single-Station Welder**
- High accuracy and repeatability of phase angle controlled power
 - Available with pre-heat or post heat
 - Heat pulse amplitude and duration fully controllable
 - Weld time up to 99 cycles
- 5200 CD Single-Station Welder**
- Energy output independent of power fluctuations
 - Heat pulse amplitude fully controllable
 - Short, high intensity pulse reduces peripheral build-up of heat and concentrates energy in weld zone
 - Designed for delicate materials, larger package sizes and line voltage variations
 - May be configured with output ranges from 1,000 to 12,000 Joules
 - Transformers coordinated with power supply output levels for utmost efficiency



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



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