Infinity with Melt-Match®
Ultrasonic Welder

UNMATCHED EXPERIENCE
Precise, Consistent, Reliable

Benefits

• Provides repeatable process and consistent results
• Accurately controls all phases of the ultrasonic welding process
• More meaningful data for instant validation of a good part
• Reduce manufacturing cost with improved first pass yield
• Improves confidence with tighter control of dimensional accuracy
• Easily replicate a proven welding process across your fleet of welders
• Fast downstroke/upstroke speed with upgraded servo actuator and integrated controller
• Easy tool change with Smart-Stack quick change system

Compact Thruster
Servo Driven Actuator
Ultra-Rigid Support Column
Sealed Column for Clean Cable Management
Locking Column

Status Display

Ergonomic, Hygienic, and Sturdy Base

Smart-Stack

It’s The Connection That Counts
Infinity Ultrasonic Welder

Making Ultrasonic Welding Easy

- Intuitive iQ Explorer User Interface
- Start Motion After Force Drop Reducing Part Stress and Improving Bond Strength
- Touch Screen input for easy programming
- Industry 4.0 Ready
- Weld by Time, Energy, Distance, Absolute Distance, and Peak Power
- Post Weld Control with Dynamic and Static Hold
- Control Weld with 16 Unique Weld Parameters
- Programmable Force or Speed Mode, either Constant or Segmented Profile
- Bad Part and Suspect Part Limits
- Equipped with Advanced Graphing, Cycle Data Collection, and Production Analysis
- Advanced Diagnostics with Power and Frequency Graphs
- Multilingual (English, Spanish, German, Japanese, Chinese, French, and Czech)

For more information, visit us at:

For additional information, speak with your Dukane representative or contact your Dukane regional office.

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<th>China</th>
<th>Japan</th>
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<td>Kashiwa, Chiba</td>
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<td>Bielefeld, Ostwestfalen-Lippe</td>
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