

## Application Evaluation Request Form - *Plastics Welding*

### Contact Information

Date:

Sonics Agent:  Sonics Contact:

Request For:  Feasibility  Sample Processing  Joint Design  Quotation

Contact Name:  Title:

Company:

Address:

City:  State:  Zip:

Country:  Province:  Postal:

Telephone:  Ext:  Fax:

Cell/Mobile:  Other:

Email:  Website:

Part Name:  Hermetic Seal:  Yes  No

Material(s):  Filler:  Percentage:

### Ultrasonic

Application:  Welding  Staking  Inserting  Spot Weld  Seaming

Frequency:  40 kHz  20 kHz  15 kHz

Weld Mode(s):  Time  Time & Energy  Time, Energy & Distance  Continuous

Power Level:  Watts at 40 kHz  Watts at 20 kHz  Watts at 15 kHz

System Quote:  Pneumatic Press  ElectroPress  Hand Held  Components

Horn Quote:  Aluminum  Titanium  Other

Chrome Plate  TIN Coating  Carbide Coating

Replaceable Tip:  Spot Welding  Staking  Inserting  Knurl

Other

Fixture Quote:  Aluminum  Titanium  Stainless Steel  Polyurethane

Chrome Plate  Ball Level Plate  Manual Clamp  Auto Clamp

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### Vibration Welding

Equipment:  MX10     MX15     MX20     MX25     Heavy Duty Springs

Upper Tool Quote:  Aluminum     Chrome Plate     Polyurethane     Vacuum     Slurry Coat

Lower Tool Quote:  Aluminum     Chrome Plate     Polyurethane     Clamping

### Spin Welding

Weld Orientation:  Random Spin Stop Orientation     Pre-Set Spin Stop Orientation

Drive Head Quote:  Pre-Load     Urethane/Vacuum     Two-Piece Spring Loaded

Fixture Quote:  Aluminum     Urethane/Vacuum     Manual Clamp     Auto Clamp

### Other Assembly

Thermal/Heat:  Staking     Inserting     Other

Hot Plate:    Plate Orientation     Horizontal     Vertical

### Application Samples / Data for Review

Included with Report:  Samples     Drawings     CAD Data    Format:

Sending Separately:  Samples     Drawings     CAD Data    Format:

Sample Disposition:  Return to Customer     Dispose After  Days

### Desired Production Rate

Annual (Year) Production:     Shifts per Day:     Hours per Shift:

Or, "X" Pieces at  Per Hour or,  Per Minute

### Equipment Presently Used

Ultrasonic    Brand:     Model:

Vibration    Brand:     Model:

Spin    Brand:     Model:

**Please Attach any Sketches and Notes and Send To**



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