



Offering the world a better weld
for over 80 years

Ceramic Fusion Butt Welders For Copper And Aluminum Stranded Or Bunched Conductors - 4 Models

Welding Range From .038" (.50mm²) to .770" (150mm²)

Micro-Weld offers four models of butt welders for burr-less welding of copper and aluminum stranded or bunched conductors.

Micro-Weld ceramic fusion welders are the standard of the industry and they are used by all the top manufacturers to increase the quality and decrease the cost of their stranded conductors.

Some of the standard features that will help your butt welding applications are:

- Weld made within specially designed ceramic sleeve which locks all filaments together producing a weld joint with no burr
- Easy to set welding parameters
- Heavy-duty weld heat selection switch
- Heavy-duty construction and components

Micro-Weld ceramic fusion welders are used on extrusion lines as well as re-spooling operation. They also help to drastically reduce scrap.

Contact Micro-Weld for more information on ceramic fusion welders or the complete line of over 50 butt welder models.



Ceramic Fusion Butt Welders - 4 Models
For Copper & Aluminum Stranded Conductors

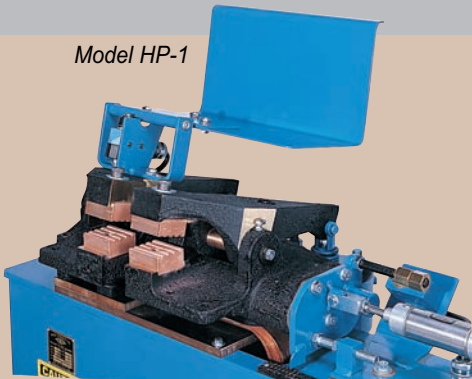
See back for features & technical specifications

Phone: 1-800-872-1068 (in U.S.A.) or
630-406-9550

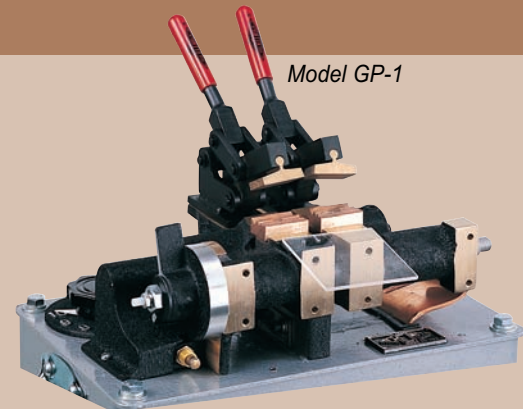
Email: info@micro-weld.com

Web: www.micro-weld.com

Model HP-1



Model GP-1





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Ceramic Fusion Butt Welders - 4 Models

Specifications

	Model GP-1	Model HP-1
Type of Weld Process	Ceramic fusion	Ceramic fusion
Welding Range <i>U.S.</i>	20 ga to 8ga -Copper 20 ga to 8ga -Aluminum	8 ga to 4/0 AWG-Copper 8 ga to250 MCM-Aluminum
Welding Range <i>Metric</i>	0.50mm ² to 10.0mm ² -Copper 0.50mm ² to 10.0mm ² -Aluminum	10.0mm ² to 120mm ² -Copper 10.0mm ² to 150mm ² -Aluminum
Material Suitability	Strand or bunched conductor	Strand or bunched conductor
Standard Operating Voltages	120 volts	240, 480 or 600 volts
Cycle	50 or 60 hertz	50 or 60 hertz
Line Demand	20 amps on 120 volts	160 amps on 240 volts 80 amps on 480 volts 65 amps on 600 volts
Single Phase A/C Transformer	2.4 KVA maximum rating	38.4 KVA maximum rating
Weld heat selection switch	6 point	12 point
Clamp method	Compound hand lever	Pneumatic, foot controlled
Upset method	Adjustable spring	Pneumatic, adjustable
Mounting	4-caster wheels or bench	4-caster wheels

Dimensions & Weights

Height overall	20" (50.8cm)-bench, 51" (129.54cm)-truck	46" (116.84cm)
Floor or bench space	9"x15" (22.86cmx38.1cm)-bench type 24"x24" (60.96cmx60.96cm)-truck type	39"x29" (99.06cmx73.66cm)
Welding die height	11" (27.94cm)-bench type 42" (106.68cm)-truck type	41" (104.14cm)
Weight	170 lbs. (77.11kg)-bench type 215 lbs. (97.52kg)-truck type	640 lbs.(290.24kg)

Standard Features

- Heavy Duty Construction & Components
- Easy to Set Welding Parameters
- Safety Electrical Switch Circuits
- Heavy-Duty Weld Heat Selection Switch
- Ceramic Sleeve Acts as Welding Crucible
- No-Upset Burr Formation During Weld Process-
All Strands Locked Into Weld Coalescence
- Sensitive Straight Slide Moveable Headpiece
Assembly Equipped with Ball Bearings

Optional Features

Model GP-1

- 4-Wheel Enclosed Truck
- 4-Wheel Post Type Truck
- Special Voltages

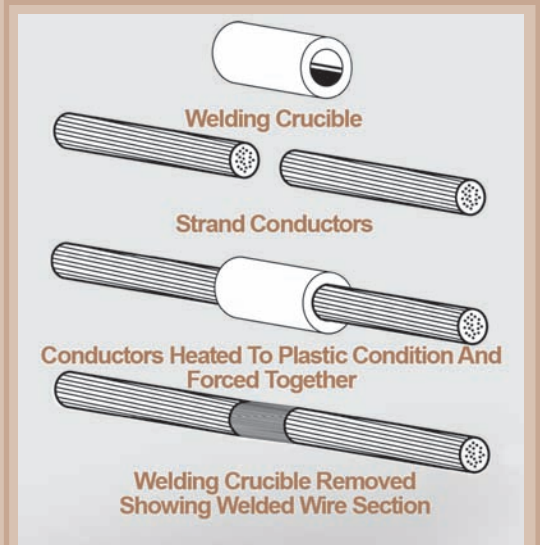
Model HP-1

- Machinist Vise With Mounting Brackets
- Pneumatic Square Cut Shear for
Conductor End Preparation

*Stranded or bunched copper and
aluminum conductors welded in
ceramic sleeves for welds
without burrs*



Ceramic Sleeves



Other GP Models Available:

Model GP-2:

12 ga. to 4 ga. (CU or AL) (U.S.)
4mm² to 25mm² (CU or AL) (Metric)

Model GP-3:

20 ga. to 4 ga. (CU or AL) (U.S.)
.50mm² to 25mm² (CU or AL) (Metric)

Contact Micro-Weld for more details



phone
Toll-free: 1-800-872-1068 (U.S.A.)
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