



STUD WELDING PRODUCTS, INC.

SPIRIT STUD WELDER

Model: 92-12-0110



DESCRIPTION

The HBS Insulation Welder - for CD stud welding (capacitor discharge welding) according to current standards.

CONVENIENT OPERATIONAL AND SAFETY FEATURES

- Integrated mains filter (protection against voltage peaks)
- Optimal for construction sites with large mains voltage fluctuations – use even with critical voltage supply (- 25% + 20%)
- EMC test
- High-voltage test with log
- Retriggering lock-out – prevents welding on a welding element that has already been set
- Thermal monitoring of transformer – automatic shutdown in case of overheating
- Optimal protection against external interferences

FEATURES	Spirit
SIZE	13.78" length, 7.48" width, 9.45" height without handle
WEIGHT	44.09 lbs.
WELD RANGE	#4 to 1/4", 14 ga to 1/4" (M3 to M6, dia. 2 to 6); cupped head pins dia. 14 ga to 10 ga (dia. 2 to 3.1 mm)
WELDING RATE	12 to 30 studs/min (depending on application and stud dia.)
PRIMARY POWER	115/230 V, 50/60 Hz, 10 AT
CHARGE VOLTAGE	60 to 220 V (stepless voltage regulation)

Made in the USA

FEATURES

- Especially suitable for thin sheets (at least 0.5 mm).
- ISO – especially suitable for welding on insulation pins with flange and ignition tip.
- Contact welding - special designed for welding capacitor discharge welding elements and cupped head pins with same adjustment, no spring pressure adjustment, no change of spring (one welding gun for two applications).
- Microcontroller – for precise process times, optimal functional reliability and maximum operating convenience.
- Function monitoring – automatic function test following power-up; monitoring of all internal system functions.
- Display of error codes – on LED displays.
- Structure: Extremely easy to operate, compact, robust – metal housing withstands rough treatment in shop and on site.
- Display – infinitely adjustable power setting; easy monitoring of all functions via LED displays.
- Powerful – built-in power reserves.
- Trouble-free changing of welding voltage polarity possible by reconnecting welding current and ground cables.
- Use of special capacitors (developed for stud welding).
- Suitable welding guns: C 06

Check us out on the internet www.studweldprod.com or email info@studweldprod.com

Downey, CA

9459 Washburn Rd.
Downey, CA 90242
Phone- 800.252.1919
Fax- 562.862.3022

Hayward, CA

2391 American Ave.
Hayward, CA 94545
Phone- 510.782.7883
Fax- 510.782.7918

Renton, WA

927 Thomas Ave. SW
Renton, WA 98057
Phone- 425.656.9787
Fax- 425.656.9786

Phoenix, AZ

3535 East Wier Ave., Ste. #4
Phoenix, AZ 85040
Phone- 602.305.9350
Fax- 602.305.4890