

STUD WELDING PRODUCTS, INC.



CAPACITOR DISCHARGE PIN WELDER

Model: StudPro Lite

DESCRIPTION

Incorporates the latest solid state technology into a compact and rugged, portable CD Pin Welder. This system has the capacity to weld pins (including Cup Head pins) up to 10-gauge and CD Studs up to #10.

CONVENIENT OPERATIONAL AND SAFETY FEATURES

- LED voltage meter
- Safety shut down
- Cooling fan
- Front panel information LED's
- Dial down weld voltage control

FEATURES	StudPro Lite
SIZE	12-1/2" length, 10.1" width, 6" height
WEIGHT	12.5 lbs.
WELD RANGE	Weld Pins - Up to 10 gauge, CD Studs - Up to #10, Cup Head Pins
DUTY CYCLE	16-20 pins per minute
PRIMARY POWER	110VAC @ 50/60Hz 15 Amp circuit or 220VAC @ 50/60Hz 7.5 Amp circuit
CHARGE VOLTAGE	35-200 VDC
CABLE LENGTH	Includes a #4 x 15' gun cable and one #4 ground cable

Made in the USA

FEATURES

- Digital DC voltage readout (allows for more accurate and repeatable weld settings).
- Cooling fan for increased efficiency.
- Dial-down DC voltage setting (no need to turn off the unit when resetting to a lower voltage).
- Only 15 amp circuit requirement (unit fused @ 15 amps).
- Terminal connections on the capacitor are over 5/8" in diameter for a good seat of the terminal buss bars to increase reliability.
- The terminal connections on the capacitor have 1/4-28 socket set screws inserted into each one. The socket set screw is used to make the connection to the buss bar. This eliminates damaging the threads in the aluminum connectors of the capacitor, ensuring a solid connection.
- Rigid internal construction connecting the entire internal unit to the front and rear panels minimizes the opportunity of the components coming loose during handling or operations.
- The StudPro Lite-Pin Welder is mounted in a rugged outer case for greater durability, texture, and appearance.
- The StudPro Lite-Pin Welder weighs less than 13 pounds for ease of carrying.
- Stud Guns are ergonomically designed for better hand fit and comfort (reduces operator fatigue for increased weld repeatability).
- Stud Guns have a permanent internal spring with easy adjustment for various spring pressures allowing an increased opportunity to apply the correct spring pressure to the weld (no need for a variety of different springs for various applications).
- Stud Guns can be configured for "B" Collets, "CI" Collets, Euro Collets or standard tapered chucks.

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