TRU-WELD EQUIPMENT

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CAPACITOR DISCHARGE STUD WELDER

Model: TWE-250

Stud Welder Description

Incorporates the latest solid state technology into a compact and rugged CD Stud Welder. This system has the capacity to weld studs and pins (including cupped head pins) ranging from 14-gauge through 1/4" full flanged stainless steel studs.

SPECS	TWE-250
SIZE	16" Length, 8-1/2" Width, 9" Height
WEIGHT	28 lbs.
WELD RANGE	14 gauge through 1/4" Stainless
DUTY CYCLE	30 studs per minute (including 1/4")
PRIMARY POWER	110 VAC @ 50/60Hz 10 Amp circuit or 220 VAC @50/60Hz 5 Amp circuit
CHARGE VOLTAGE	35-200 VDC

** Specifications are subject to change without prior notice

Operational and Safety Features

- **LED Voltage Meter**
- **Safety Shutdown**
- **Cooling Fan**
- **Front-Panel Informational LED's**
- **Dial-Down weld voltage control**

Made In the USA

Version 2.0 05/09/2013

FEATURES

- **Digital DC voltage readout on all models (allows for more accurate and repeatable weld settings).**
- **Cooling fan in all models for increased efficiency.**
- **Dial-down DC voltage setting (no need to turn off the unit when resetting to a lower voltage).**
- **Only 10 amp circuit requirement (unit fused @ 10 amps).**
- **66,000 micro farad capacitors charging to 200 VDC for greater power output @ lower DC voltage requirements.**
- **Terminal connections on the capacitors are over 5/8" in diameter for a good seat of the terminal buss bars to increase reliability.**
- **The terminal connections on the capacitors 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.**
- **Sheet metal is powder-coated for greater durability, texture, and appearance.**
- **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.**