

# STUDWELDER

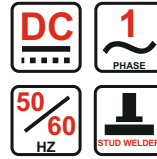
## ● Heavy Industrial

## STUD WELDER CAD 101

The Canaweld CAD 101 stud welding system offers a full 3/8" (M10) welding capacity and has the industry's best capacitance-to-weight ratio. Because of the CAD 101's compact design, it is suitable for benchtop or automated applications with the Canaweld auto feed welding head, and can be used with any of Canaweld's hand guns. The CAD 101 is equipped with a microcontroller which will keep this model continually up to date. It is equipped with a 15-pin subminiature interface allowing for remote triggering, ready signals, and reload circuitry among others for automation. The CAD 101 is sold as a stand-alone power supply or as a complete welding system including gun, two ground cables, and collets and changing tools.

## FEATURES

- Capacitor Discharge Stud Welding.
- Weld Range: #6-3/8" (M3-M10) diameter fasteners.
- Input Power 1~115/230, 50/60Hz (internally switchable).
- 162,000uf Capacitance.
- Portable, only weighs 37 lbs (17 kg).
- Microprocessor controlled.
- Ability for remote triggering.
- Displays welding functions, stud on work, and weld complete.
- 3.5" easy to read color display.
- 4 programmable pre-set.
- Resettable weld counter.
- Stepless voltage regulator.
- Safety shutdown in the event of an internal fault.
- Chuck saver prevents double firing.



### STUD WELDER CAD 101 Technical Specification

Technical Data	CAD 101
Weld Range	M3 - M10 diameter fasteners
Welding Process	Capacitor Discharge, contact or gap
Capacitance	162,000uf
Charging Voltage	50 - 195VDC step less voltage regulation
Mains Voltage	1~115/230, 50/60Hz (internally switchable)
Transformer	Type F, thermally protected
Cooling	Fan
IP-code	IP 21
Weight and Dimensions	37lbs. 13" X 6.5" x 15.5"
Color	Powder coated, Phosphorus Yellow

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### Available Model :

STUD WELDER CAD 101 (CWIW101)



### What Is Included

#### STUD WELDER CAD 101

ITEM	PART NO.	
STUD WELDER CAD 101		
C2 Contact Gun	CW500009C2	
1/8" Allen Wrench	CW500051	
Wrench 17 mm	CLA7180407	
Ground Cable	ALP2280507	
M4 (#8) Stud-Chuck	CWCH500068	
M5 (#10) Stud-Chuck	CWCH500069	
M6 (1/4") Stud-Chuck	CWCH500051	
M8 (5/16") Stud-Chuck	CWCH500004	
CAD 101 User Manual	CW500050	