

The Canaweld CAD 81 stud welding system offers a full 5/16-inch (M8) welding capacity and is the most compact system on the market. The CAD 81 is microprocessor controlled and has an improved charging circuit with a high output transformer that maximizes its duty cycle. The system includes enhanced user feedback including safety and fault codes. The CAD 81 is sold as a complete welding system including gun, two ground cables, collets, changing tools and carrying case.

FEATURES

- Capacitor Discharge Stud Welding.
- Weld Range: #4-5/16" (M3-M8) diameter fasteners.
- Input Power 1~115/230 A, 50/60Hz (internally switchable).
- 81,000uf capacitance.
- Portable, only weighs 25 lbs.
- Microprocessor controlled.
- Ergonomic design.
- Heavy-duty cable set.
- Dual Ground cable.
- Fully adjustable leg set.
- Enhanced duty cycle.
- Diagnostic LEDs.



STUD WELDER CAD 81 Technical Specification

Technical Data	CAD 81
Weld Range	M3-M8 diameter fasteners
Welding Process	Capacitor Discharge, contact or gap
Capacitance	81,000uf
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	25lbs. 12" X 5" x 12"
Color	Powder coated, Phosphorus Yellow

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Available Model :

STUD WELDER CAD 81 (CWIW81)



What Is Included

STUD WELDER CAD 81

ITEM	PART NO.	
STUD WELDER CAD 81		
C1 Contact Gun	CW500009C1	
Carrying Case	CW500048-BLK	
1/8" Allen Wrench	CW500051	
Tubular Box Spanner 13 x 17	CLA7180406	
Two Ground Cables	ALP2280506	
M3 (#5) Stud-Chuck	CWCH500067	
M4 (#8) Stud-Chuck	CWCH500068	
M5 (#10) Stud-Chuck	CWCH500069	
M6 (1/4") Stud-Chuck	CWCH500051	
CAD 81 User Manual	CW500060	