



CD WELDERS: CD-2301



DESCRIPTION/FEATURES

- The CD2301 is a cost-effective standard capacitor discharge stud welding unit. It is suitable for tip ignition with contact and gap. The CD2301 is compact with a strong metal housing. It will weld mild steel, stainless, aluminum and brass CD studs.
- The CD2301 has many features include: operation at high voltage fluctuations (-25% up to 20%); integrated mains filter; high-tech microcontroller to guarantee precise process control, safest operating conditions and highest operating comfort; stepless voltage regulation (charging and discharge); automatic discharge of capacitors by reducing the loading voltage; easy and reproducible setting of the loading voltage/welding energy by digital display; library function of automatic adjustment of the loading voltage by selecting the stud diameter (fine adjustment by pushing arrow key); error code indication by digital display; easy control of all functions by LED indications; easy change of polarity of welding voltage by interchanging welding current cable and ground cable (if required); electronically protected magnetic circuit when using gap gun CA-08; temperature controlled cooling fan reduces contamination inside the power unit (high reliability) and reduces noise; temperature control of transformer and interior of power unit of automatic shut off at overheat; highest safety standard by automatic control of SCR and contact to work piece; recorded high voltage test; EMC-tested.

SPECIFICATIONS

Dimensions: 20.6L x 7.1W x 9.8H	Welding Time: 1 to 3 msec.
Weight: 46 lb.	Stud Range: (#4 to 5/16)
Capacitance Charge: 99,000 mfd	Weld Rate: 8 to 20 Studs per minute
Charging Voltage: 50-220 V (stepless)	Input Power: 230/115 V, 50/60 Hz, 10 AT

PARTS LIST

DESCRIPTION	PART NO.	DESCRIPTION	PART NO.
System Complete	All	Gun Only (C08)	92-20-256
Power Unit Only	92-12-0231	Ground Cable	92-40-095

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