

STUD WELDING PRODUCTS, INC

Your Number One Stud



Maximum Weld Rates
Maximum Efficiency
Minimum Energy
Minimum Weight

STUD WELDING UNIT

Model: CDi 2302

DESCRIPTION

Stud Welding Unit (with digital display) for CD stud welding (capacitor discharge welding) according to current standards

Operational & Safety Features

- Integrated mains filter (protection against voltage peaks)
- Optimal for construction sites with large mains voltage fluctuations – use even with critical voltage supply (- 25% + 20%)
- EMC test (Din EN 60974-10)
- High-voltage test with log (Din EN 60974-1)
- Logged capacitor forming for quality control of the stud welding capacitors
- Self-forming capacitors provide a longer life period and higher reliability
- Retriggering lock-out – prevents welding on a welding element that has already been set
- Thermal monitoring of transformer – automatic shutdown in case of overheating
- Temperature controlled cooling fan – reduces noise and dust in the stud welding unit (greater system reliability)
- Optimal protection against external interferences



FEATURES	CDi 2302
WELD RANGE	#4 to 5/16" (7/16" limited), dia. 14 ga to 5/16" (dia. 3/8" limited)
WELD RATE	9-33 studs pins per minute Depending on application
DIMENSIONS	18"L x 8"W x 10"H
WEIGHT	37.48 LBS
PRIMARY POWER	115V 50/60Hz 10AT

FEATURES

- Especially suitable for thin sheets (at least 0.5 mm).
- Microcontroller – for precise process times, optimal functional reliability and maximum operating convenience.
- Function monitoring – automatic function test following power-up; monitoring of all internal system functions.
- Display of error codes – on digital display.
- Library function – automatic specification of charging voltage through selection of stud diameter according to welding range; fine adjustment via arrow keys.
- Structure: extremely easy to operate, compact, robust – powder coated steel housing withstands rough treatment in shop and on site.
- Display – infinitely adjustable power setting (charge reversal via set-point switch); easy monitoring of all functions via LED displays.
- Powerful – built-in power reserves.
- Use of special capacitors (developed for stud welding).
- Suitable welding guns: C 08 and CA 08

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