

# PRO WELD

INTERNATIONAL

## CD-312

### CAPACITOR DISCHARGE STUD WELDER

#### DESCRIPTION

The CD-312 is a state-of-the-art solid state capacitor discharge stud/pin welder. Its rugged design and user friendly controls makes it simple to set up and use.

The extremely short weld time of capacitor discharge process allows studs to be welded to material as thin as .015 without burn-through.

The unit is capable of welding mild steel, stainless and aluminum studs as well as cuphead pins.

#### SPECIFICATIONS

DIMENSIONS:	8-1/2"H x 10"W 16-1/2"D
WEIGHT:	47 LBS
MODE:	CONTACT
STUD RANGE:	#2 - 5/16"
WELD RATE:	24 STUDS/MIN.
CAPACITANCE:	88,000 MFD
INPUT POWER:	110 VAC, 60HZ 20 AMPS
CHARGE RANGE:	45-185 VDC
INPUT POWER (OPTIONAL)	110/220VAC 50/60HZ 20/10 AMPS

#### COMPONENTS

ITEM	DESCRIPTION:	PART NO.
POWER SUPPLY	110 VAC 60 HZ	200-0012
POWER SUPPLY	GAP	200-0020
POWER SUPPLY	110/220 VAC 50/60 HZ	200-0024
POWER SUPPLY	POWER POINT	200-0030
WELD GUN	L.D. B-COLLET	300-0100
WELD GUN	L.D. TAPER BASE	300-0101
WELD GUN	L.D. PRECISION	300-0102
WELD GUN	GAP	300-0700
WELD GUN	BANTAM C-2	300-0301
GROUND CABLE	#4 X 15' AND CLAMP	125-0100



#### FEATURES

- \* Designed and built in U.S.A.
- \* Safety Fault Shut Down
- \* Powder Coated
- \* Recessed Control Panel
- \* L.E.D. Panel Meter
- \* Diagnostic L.E.D.'s
- \* 3 Year Warranty on PCB

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