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CD 700

CAPACITOR DISCHARGE

STUD WELDER



The CD 700 Stud Welder from Midwest Fasteners is designed specifically for the insulation contractor. In fact, it is one of the most powerful capacitor discharge units available today. The CD 700 features a *separate cup head weld pin contact mode* that welds to materials *as thin as 20 gauge* - without fear of burn through. A unique feature is the 84,000 to 168,000 MFD *variable capacitance high/low power range switch* which handles the toughest applications. The high power range helps eliminate surface preparation when welding "Power Tip" pins from Midwest Fasteners.

The unit's *solid state circuitry* lowers maintenance costs, since moving parts are eliminated. And the *rugged steel chassis* makes the CD 700 able to withstand the rigors of construction jobsites. Gauges and control knobs are protected by a *recessed control panel*. *Circuit breaker protection* prevents expensive repair to component parts, such as printed circuit boards. The *auto fault shut-off* adds to operator safety, and the panel meter displays capacitor discharge voltage at a glance.


An *ultra-light 24 ounce precision Contact Gun* is included with the CD 700 system. With this Gun, operator fatigue is reduced --- thereby increasing production. The weld gun also features *interchangeable main spring pressure* that is necessary for many special welding applications, and critical in welding aluminum fasteners and dissimilar material. The unique *drilled-through gun shaft* enables precise gun set up for welding aluminum pins and extra long CD weld pins.

The CD 700. Available only from Midwest Fasteners --*your complete source for insulation fastening.*

CD 700

CAPACITOR DISCHARGE

WELDING SYSTEM



SPECIFICATION	
POWER	
SUPPLY / CONTROLLER	
Height	9"
Width	13-1/2"
Depth	21"
Wieght	66 Pounds
Capacitance	Low - 84,000 mfd
	High - 168,000

WELD GUN	
(CD - 2P PRECISION)	
Weight	1-1/2 Lbs.(Not including cable)
Size (LWH)	6-1/2' x 2" x 5-3/4"
Weldable Dia	1/4 Gauge through 3/8" Dia.
Materials	High strength,impact resistance,

	mfd		Polycarbonate
Weld Rate	up to 14/min.		
Weldable Material	Mild Steel, Stainless Steel	CABLES	
	Aluminum	Ground cable	# 1x15ft.(One each)
Pin/Stud Range	14 GA, thru 3/8' Dia. weld base.	Gun Extension Set	# 1x18/2 x 35ft. (direct to gun)
Weld Voltage	34-175 VDC		
Weld Mode	Contact Cuphead		
Power Requirement	115VAC, 60 Hz, 30 AMP		

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