



*Australia's studwelding specialists.*  
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## CD Welders - the NCD+ Range

*CD Welding is ideal for small studs onto light-gauge sheet metal applications*

NCD+™ is a dependable, new generation capacitor discharge (CD) stud welding power source built on the foundation of 30,000 Hz switch-mode power conversion topology controlled by high performance 32-bit microprocessor with integrated DSP. At half the weight for ultimate portability, it delivers the same stored energy to the arc. It is the ideal tool to weld up to 5/16" (M8) CD studs with the contact CD or gap CD welding process to eliminate drilling, tapping, grinding and polishing operations. The features and benefits include:

**NOTE:**

There is also the NCD+1400 budget model  
 There is also the NCD+3200 Heavy Duty model  
 Call us for more information



			NCD+ 1000	NCD+ 1600
Max Diameter	Steel & Stainless Steel	Thread	1/4"-20 (M6)	5/16"-18 (8mm)
		Weld Base	5/16" (8mm)	3/8" (10.5mm)
	Aluminum	Thread	#10 (M5)	1/4"-20 (M6)
		Weld Base	1/4" (6mm)	5/16" (8mm)
Welding Process		Contact CD, Gap CD		
Stored Energy (Ws)		1080		
Cap Voltage (V)		70—200 (Stepless)		
Capacitance (µF)		54,000		
Weld Rate (Studs / Minute)		18@100V, 8@200V		
Dimensions		12 5/8" x 12" x 8 3/4" (32 cm X 31 cm X 22 cm)		
Weight		17 lb (7.7 kg)		
Input Power Connection*		1 phase 220-230V, 50/60 Hz @ 5A 1 phase 110-120V, 50/60 Hz @ 10A * Specify input voltage when ordering.		
Stud Material		Mild steel, stainless steel, aluminum, brass, copper, Ni-based superalloys, titanium		
Guns		NCD+ contact gun, NCD+ auto gap gun		
Ingress Protection Rating		IP23 (outdoor operation)		
Safety Standard Compliance		ANSI/IEC/EN 60974-1		
EMC Compliance		ANSI/IEC/EN 60974-10 (CE Model Only)		
Idle Power (W)		20 or Less		
Efficiency		80%		
Display		Full Color TFT, LED backlit		

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