

CDi 1502

CDMi 2402

CDMi 3202



- Entry level automation for semi-automatic use
- Simple library function for ease of use

- All-rounder for automation
- Extensive library function
- Change over of capacitors for optimal energy input

- Energy package for automation
- Extensive library function
- Change over of capacitors for optimal energy input

M3 to M8
#4 to 5/16"

M3 to M8 (M10)
#4 to 5/16" (7/16")

M3 to M10
#4 to 7/16"



Welding process	CD	CD	CD
Welding material	   	   	   
Technology	Inverter-Capacitor Charging Technology	Inverter-Capacitor Charging Technology	Inverter-Capacitor Charging Technology
Equipment Automation	X	X	X
Display	Digital	LCD	LCD
Welding range	Studs: M3 to M8, dia. 2 to 8 mm #4 to 5/16", dia. 14 ga to 5/16"	M3 to M8 (M10 limited), dia. 2 to 8 mm (dia. 10 mm limited) #4 to 5/16", (7/16" limited), dia. 14 ga to 5/16" (dia. 3/8" limited)	M3 to M10, dia. 2 to 10 mm #4 to 7/16", dia. 14 ga to 3/8"
Welding rate	M3 / #4 = 40 studs/min (voltage 60 V) M8 / 5/16" = 14 studs/min (voltage 200 V) M8 / 5/16" = 12 studs/min (voltage 220 V)	M3 / #4 = 40 studs/min (voltage 60 V) M8 / 5/16" = 21 studs/min (voltage 170 V) (M10 / 7/16" = 17 studs/min (voltage 210 V))	M3 / #4 = 43 studs/min (voltage 50 V) M8 / 5/16" = 25 studs/min (voltage 140 V) M10 / 7/16" = 18 studs/min (voltage 200 V)
Capacitance	66 000 µF	99 000 µF/33 000 µF* * with change over of capacitors	132 000 µF/66 000 µF* * with change over of capacitors
Welding time	1 to 3 ms	1 to 3 ms	1 to 3 ms
Energy	1 600 Ws	2 400 Ws/800 Ws*	3 200 Ws/1 600 Ws*
Charging voltage	50 to 220 V (stepless voltage regulation)	50 to 220 V (stepless voltage regulation)	50 to 220 V (stepless voltage regulation)
Primary power	230 V**, 50/60 Hz, 10 AT (slow blow) **alternative primary power see „Order No.“	230 V**, 50/60 Hz, 10 AT (slow blow) **alternative primary power see „Order No.“	230 V**, 50/60 Hz, 10 AT (slow blow) **alternative primary power see „Order No.“
Connected load	600 VA	1 000 VA	1 800 VA
Power source	Capacitor	Capacitor	Capacitor
Cooling type	F (temperature controlled cooling fan)	F (temperature controlled cooling fan)	F (temperature controlled cooling fan)
IP Code	IP 21	IP 21	IP 21
Dimension LxWxH (without handle)	400 x 205 x 250 mm / 15.75" x 8.07" x 9.84"	570 x 285 x 290 mm / 22.44" x 11.22" x 11.42"	570 x 285 x 290 mm / 22.44" x 11.22" x 11.42"
Weight	14 kg / 30.87 lbs	26 kg / 57.32 lbs	27 kg / 59.53 lbs
Suitable guns/heads	PAH-1	PAH-1, KAH 412, KAH 412 LA	PAH-1, KAH 412, KAH 412 LA

Order No.

92-10-1504B (230 V)

Order No.

92-10-22412B (230 V)
92-12-22412B (115 V)

Order No.

92-10-23212B (230 V)
92-12-23212B (115 V)

Legend

Welding process: CD = Capacitor discharge stud welding



Mild steel Stainless steel Aluminium Brass