



CD-V - High Value Capacitive Discharge Welder

The CD-V series welders are high value, compact capacitive discharge welders featuring dual pulse output with full control of both pulses.

Key Features CD-V - High Value Capacitive Discharge Welder

- > Fully controllable dual pulse output
- > Adjustable pulse separation for process optimization
- > Rapid fire between pulses for quick welding of adjacent location
- > Ultrafast rise time for conductive material welding
- > Pulse rise time control
- > Peak current monitor indicates if weld occurred
- > Programmable squeeze time
- > Weld counter
- > CE compliant
- > Built in the USA

Specifications CD-V - High Value Capacitive Discharge Welder

Model	CD-V1210A	CD-V1220A
Max. energy output	120 Ws	260 Ws
Weld speed @ 50% (per min)	105	78
Weld functions	Single pulse, dual pulse and roll spot	Single pulse, dual pulse and roll spot
Upslope	Adjustable (between 0.1 and 15 ms)	Adjustable (between 0.1 and 15 ms)
Pulse length	I _{peak} *	I _{peak} *
Programmable squeeze	Yes (0-250 ms, default 100 ms)	Yes (0-250 ms, default 100 ms)
Hold time	Controlled via footswitch or handpiece	Controlled via footswitch or handpiece
Weld counter	Yes	Yes
Schedules	8 internally programmable schedules	8 internally programmable schedules
2-Level foot switch	Optional	Optional
Output Relays	No	No
Communication**	No external communication	No external communication
Power input	90-240 VAC, 50/60 Hz, 10 A (standard wall plug)	90-240 VAC, 50/60 Hz, 10 A (standard wall plug)
*	Relative indicator to indicate firing. We recommend an external monitor for actual process monitoring.	Relative indicator to indicate firing. We recommend an external monitor for actual process monitoring.
**	For units with external communication, please see our ADP datasheet	For units with external communication, please see our ADP datasheet
Dimensions (LxWxH)	379 mm x 221 mm x 205 mm (14.92 in x 8.72 in x 8.06 in)	379 mm x 221 mm x 205 mm (14.92 in x 8.72 in x 8.06 in)
Weight	10 kg (22 lb)	10 kg (22 lb)

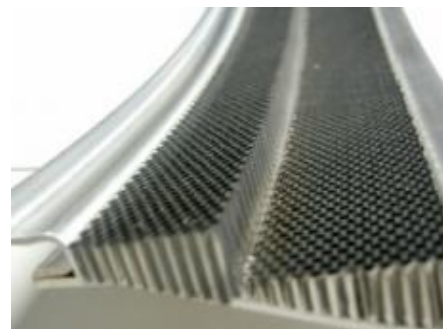
Product applications CD-V - High Value Capacitive Discharge Welder



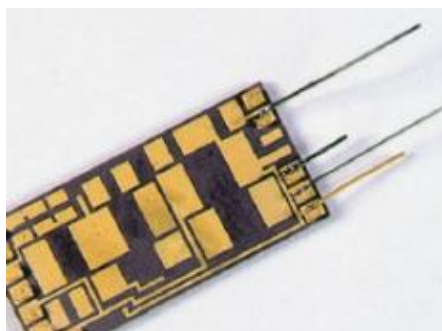
Battery tab welding



Interconnects



Honeycomb tacking



Fine wire to pad

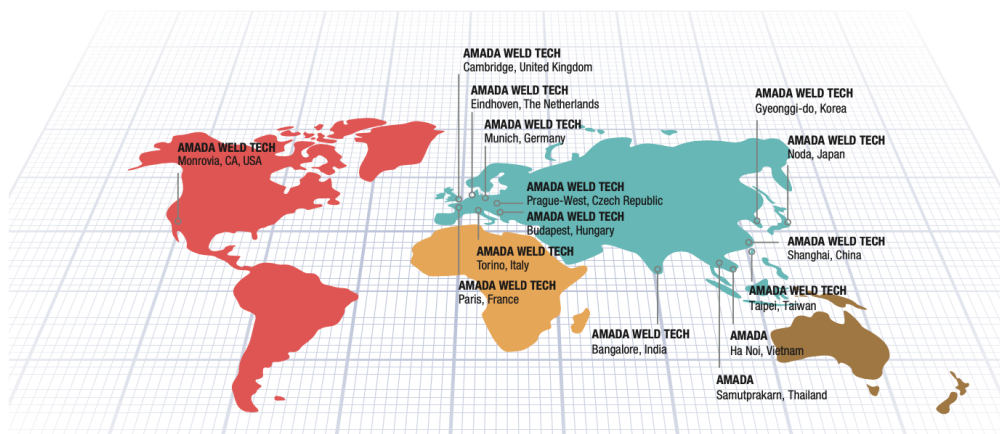
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