

# Capacitor solar container sealing welding machine

<div class="df\_qntext">What is a cap welder?

Cap Welder. Projection cap welding system for hermetic welding of electronic packages. Cap discharge welding power supply and KN-200 head

<div class="df\_qntext">What is a pulsar series capacitor discharge welding power supply?

The Pulsar Series capacitor discharge welding power supplies, combined with model KN-200A weld heads provide dependable, field proven cap welding solution for hermetic sealing of microelectronic packages and joining of a variety of metal parts.

<div class="df\_qntext">How many capacitor banks can be used for CD welding?

KAPKON Conventionally, a single capacitor bank is used for CD-welding. KAPKON offers this as a single-pulse technology (SP). KAPKON is the only manufacturer on the market to have further developed the capacitor technology that up to four independent capacitor banks can be used for welding.

<div class="df\_qntext">What is Capacitor Discharge Welding (CD welding)?

Capacitor Discharge Welding (CD welding) is a fast form of resistance welding that utilizes capacitors to deliver power to the part. Capacitors are charged with large amounts of energy, which is then rapidly released into the parts within milliseconds.

<div class="df\_qntext">How does CD welding work?

CD-Welding For CD-welding in a capacitor bank stored energy is used. This is discharged suddenly. The resulting pulse current is ignited into the parts being joined. Due to the very short welding time, the surrounding material is minimally affected by heat, as almost no heat conduction takes place during the welding process. KAPKON

<div class="df\_qntext">What is a pulsar welding system?

Built in the USA, the Pulsar Series offers a broad range of precision power choices and can be easily integrated into atmospheric enclosures to ensure high yield hermetic sealing results. Cap Welder. Projection cap welding system for hermetic welding of electronic packages.

Low ESR, high ripple current and large current shock handling capabilities. Low Ls, good high frequency characteristics. Self-healing property. Long lifetime. Plastic case, resin sealing. Applications: Used in ...

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and cover of cylindrical power batteries such as cylindrical lithium-ion batteries, cylindrical nickel ...

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