

Welding Unit 3201

Capacitor Discharge Welding

Traditional capacitor discharge welding is the right choice for a large number of welding tasks.

The energy of a previously charged capacitor is discharged onto a work piece by way of an impulse transformer.

This results in high welding currents, a high current slope and a short welding time.

The high energy concentration thus limits the zone of heat influence within the component to a small extent.

A large variety of welding tasks may thus be resolved, even including difficult combinations of material.



Characteristic Features

- Maximum welding energy 32 Ws
- Welding time 4 and 8 ms
- Use of an electrolytic capacitor
- Maximum cycles up to 60 welds per minute
- Welding voltage 5 to 8 V
- Cooling by means of air
- Dimensions (H / D / W) 195 x 330 x 360 mm
- Weight 16 kg