

Welding Unit 512

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 the 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.



Characteristik Features

- Maximum welding energy 512 Ws
- Welding time 4, 8 und 12 ms
- Use of an electrolytic capacitor
- Maximum cycles up to 60 welds per minute
- Welding voltage 5..8 V
- Cooling by means of air
- Diemensions (H / D / W)
 - Generator 280 x 330 x 432 mm
 - Transformer 220 x 200 x 310 mm
- Weight
 - Generator 29 kg
 - Transformer 24 kg