



ACCU-TWIN

Battery Powered Stud Welding Unit
with twin stud welding gun
for CD stud welding
according to current standards

Technical Data

Welding range	2 x M3
Welding material	Mild steel, stainless steel
Welding rate	1 to 2 twin welds per minute
Capacitance	80,000 µF
Energy	325 Ws
Charging voltage	Max. 90 V
Primary power	230 V, 50/60 Hz
Power source	Capacitor
Capacitor charging time	On battery power, approx. 30 sec; on mains power, approx. 45 sec
Battery	12 V, 7 Ah (discharge-proof)
Battery capacity	100 twin M3 welds
Battery charging time	Max. 8 hours
Battery life	Min. 200 charging cycles; (no warranty on batteries)
Stud spacing	Stepless adjustable from 25 mm up to 61 mm (from 19 mm upon request)
Connection lead	1.5 m
Primary cable	2.5 m
Operational and storage conditions	According to current standards
Dimension L x W x H	360 x 300 x 120 mm
Dimension gun L x W x H	165 x 25 x 95 mm
Weight	8.5 kg (without battery 6.4 kg)
Weight gun	550 g
Order No.	92-10-280C

General Information

Application

- Ideal for fastening heat allocation meters with 2 welding elements

Process variants

- Contact welding



Advantages

Features

- **Function monitoring** – automatic function test following power-up; monitoring of all internal system functions
- **Battery-powered stud welding system with twin stud welding gun**
- **Intelligent charger** – with charge-level indicator
- **Exhaustive discharge protection** – and automatic charge switching
- **Integrated spirit level** – (in stud welding gun) for exact levelling
- **Specially developed, integrated spark protection**

Structure

- **Extremely easy to operate**
- **Compact**
- **Plastic case** – compact, robust construction
- **Only a single cable** – between welding gun and power unit
- **Battery-powered or mains operation**

Safety

- **EMC test**
- **Retriggering lock-out** – prevents welding on a welding element that has already been set

Welding

- **Use of special capacitors** (developed for stud welding)
- **Simultaneous welding of 2x M3 welding elements** – infinitely adjustable gap
- **Exact, plane-parallel gap of welding elements**
- **No ground connection required**
- **Welding power adjustable in 2 steps**

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(Technical data may change)