



Maximum mobility
Maximum comfort
Maximum reliability
Maximum power
Minimum consumption

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	2 twin welds per minute
Capacitance	80,000 µF
Energy	325 Ws (92-10-2280A) 375 Ws (92-10-2285B)
Charging voltage	Max. 90 V (92-10-2280A) Max. 97 V (92-10-2285B)
Power source	Capacitor
Capacitor charging time	approx. 30 sec
Battery	12 V, 5 Ah (discharge-proof)
Battery capacity	200 twin M3 welds
Battery charging time	Max. 10 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)
Welding gun cable length	approx. 1.1 m (92-10-2280A) approx. 2.1 m (92-10-2285B)
Dimension L x W x H	360 x 135 x 210 mm
Dimension gun L x W x H	165 x 25 x 95 mm
Weight	7 kg (incl. welding gun)
Weight gun	550 g
Order No.	92-10-2280A (1.1 m) 92-10-2285B (2.1 m)



General Information

Application

- Ideal for fastening heat allocation meters with 2 welding elements

Process variants

- **Contact welding**

Accessories

- External power supply unit: primary power: 100 – 240 V/AC, 50 Hz / 0.6 A



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**
- **Integrated spirit level** – (in stud welding gun) for exact levelling
- **Specially developed, integrated spark protection**
- **Standby mode with wake-up function** – efficient energy management, without unnecessary energy consumption
- **Intelligent energy display** – Precise indication of how many studs can still be welded
- **Overview thanks to exact counter** – Display of welds completed (with reset function)
- **Scale on the power unit** –for adjusting the stud spacing

Structure

- **Extremely easy to operate**
- **Compact**
- **Robust & secure thanks to optimised protective housing** – Stable aluminium housing with rubber edge protection
- **Only a single cable** – between welding gun and power unit
- **Battery-powered operation** – quickly changeable
- **Includes carry strap** – with labelling (accessories and wear parts)
- **Integrated gun holder on the power unit**

Safety

- **EMC test**
- **Retriggering lock-out** – prevents welding on a welding element that has already been set
- **Lower on/off switch** – prevents inadvertent activation should the device slip or fall over during transport

Welding

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

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(Technical data may change)