



BMS-4 AKKU Stud Welder



BMS-4 AKKU SOYER stud welder for capacitor discharge welding and PS-0DV double welding gun with a concentrated amount of energy

Description:

The BMS-4 AKKU stud welder is suitable for both battery and mains operation. Two M3 studs can be simultaneously welded without earth connection specifically to attach heating costs metres and suchlike. It is possible to variably adjust stud distances. The cable-free welding allows the stud welder to be used even without electric power supply. (For innovative special features, please see over).

Technical data:

Welding range:	2 x M3, steel and stainless steel
Standard gun:	PS-0DV double welding gun, adjustable
Power source:	Capacitor 44,000 μ F
Charging voltage:	110 V maximum
Charging time of capacitor:	Battery operation 20 seconds, mains operation 25 seconds
Welding sequence:	Battery operation 3 double welds/minute, mains operation 2-3/minute
Mains supply:	230 V - 50 Hz - 2 AT
Battery:	12 V - 4 Ah
Battery capacity:	200 double welds M3 at 20° C ambient temperature
Charging time of battery:	approx. 3 hours, partial charge: 2 hours 70% , 4 hours 100%
Battery life:	min. 300 charging cycles
Dimensions:	230 x 95 x 295 mm (w x h x d)
Weight:	7 kg including battery and gun Subject to technical changes

Innovative Special Features of the BMS-4 Akkumat Stud Welder

The BMS-4 AKKU SOYER stud welder is a completely new development in double stud welding to attach heating costs metres to metallic plate radiators. Together with easy operation, the stud welder offers a maximum of technical performance advantages for producing high-quality stud welded joints.

Additional performance features of the BMS-4 AKKU stud welder include:

- ▶ Development and production fulfil all prescribed safety targets such as
 - the latest safety and accident prevention regulations (Act on the Safety of Technical Working Equipment)
 - electromagnetic compatibility (EMC Act)
 - European regulations (EU Directives on Machinery)
- ▶ GS/CE/S emblem for verified safety
- ▶ Proof of stated safety targets by corresponding certificates
- ▶ Optimum application for battery and mains operation with maximum utilization of accumulator
- ▶ Simultaneous welding of 2 studs without earth connection
- ▶ Functional flows and work flows are carried out with processor guided artificial intelligence
- ▶ An automatic system test is carried out every time the stud welder is turned on
- ▶ Self-monitoring of all important functions
- ▶ Special battery charging control for preserving the maximum battery capacity
- ▶ Deep-discharging protection
- ▶ Overcharging protection for infinite mains operation
- ▶ Quick-change system for battery
- ▶ Display of the current charge
- ▶ Operation via one key button only, avoiding maloperation
- ▶ Automatic standby mode and automatic switch-off
- ▶ Compact, small and very light-weight style
- ▶ Only one highly flexible connecting cable to the double PS-0DV welding gun
- ▶ Simple and quick adjustability of double welding head from 20 - 60 mm
- ▶ Anti-spatter protection, sound insulation and arc shielding due to geometrically adapted moulded rubber parts at the double welding head
- ▶ For easy transport a synthetic case is optionally available for the complete welding equipment

SOYER top-of-the-range products awarded the following prizes for



Production



Quality



Technology



Design



Quality Management



International Approval



Safety



EC Conformity