



ISOFIX_{accu}

BATTERY POWERED STUD WELDING UNIT

SPECIALLY DESIGNED FOR WELDING CUPPED HEAD PINS AND INSULATION NAILS

LCD-DISPLAY

ADJUSTMENT AID FOR
CHARGING VOLTAGE

CHARGING VOLTAGE
CONTINUOUSLY ADJUSTABLE



HIGH QUALITY,
ROBUST UNIT BODY
FOR HARSH BUILDING
SITE CONDITIONS

VERY EASY
OPERATION

LIGHTWEIGHT -
ONLY 9.7 KG

LONG-LASTING
HIGH-END
LITHIUM BATTERY
(APPROX. 1000
CHARGING
CYCLES)

BATTERY CAPACITY:
UP TO 1500 WELDS

SMALL AND COMPACT





PIM-1B
STUD WELDING GUN FOR WELDING
CUPPED HEAD PINS



PIM-1K
COMPACT STUD WELDING GUN FOR
WELDING CUPPED HEAD PINS



PKM-1B
STUD WELDING GUN FOR
WELDING INSULATION NAILS



SPECIALY DESIGN CUPPED HEAD PINS AND

LIGHTWEIGHT

- » weight only 9.7 kg
→ 25% lighter than comparable competitor units!

SMALL AND COMPACT

- » Dimensions: 195 x 302 x 270 mm

LCD DISPLAY

- » easy to read
- » display of adjusted charging voltage
- » display of welds performed (welding counter resettable)
- » display of welds still possible
- » charging state indicator (colour changing of the display)

VERY EASY OPERATION

- » adjustment aid for charging voltage
→ summary table with recommended values for charging voltage
- » charging voltage continuously adjustable

APPLICABLE WITH STUD WELDING GUN PIM-1B

- » for welding cupped head pins
- » spring pressure adjustable for adaptation to different welding situations (e.g. for insulation materials with high density)
- » display of adjusted spring pressure in sight window
- » automatic triggering of welding in welding position
- » automatic control of contact pressure
→ secures constantly good welding results

APPLICABLE WITH STUD WELDING GUN PIM-1K

- » for welding cupped head pins
- » small and compact
→ length: only 43 mm
→ weight: only 200 g
→ for welding in difficult to access areas
- » automatic triggering of welding in welding position
- » automatic control of contact pressure
→ secures constantly good welding results

APPLICABLE WITH STUD WELDING GUN PKM-1B

- » for welding insulation nails
- » spring pressure adjustable for adaptation to different welding situations
- » display of adjusted spring pressure in sight window

POWERFUL

- » perfect welds of very high strength
- » battery capacity: up to 1500 welds

LONG-LASTING HIGH-END LITHIUM BATTERY

- » Battery life approx. 1000 charging cycles!

FULL BATTERY CHARGE FROM MAINS IN ONLY 3 HOURS

EASY, TOOL-LESS CHANGE OF BATTERY

EFFICIENT ENERGY MANAGEMENT

- » automatic stand-by mode (after 30 minutes)
- » automatic shut-down (after 60 minutes)

MAINS OPERATION

- » Alternatively (e.g. when the battery is empty), the ISOFIXaccu can be operated at every power socket.

UTMOST SAFETY

- » electronic function control
- » self-diagnosis system
- » automatic function test
- » repeat cycle lock to avoid welding on already welded studs
- » battery deep discharge protection

HIGH QUALITY, ROBUST UNIT BODY FOR HARSH BUILDING SITE CONDITIONS

ED FOR WELDING ND INSULATION NAILS

BOLTE

TECHNICAL DATA

Welding range	2 - 3 mm
Welding material	steel, stainless steel, aluminium
Welding sequence	> 20 welds/min
Battery capacity	up to 1500 welds
Battery life	approx. 1000 charging cycles
Battery charging time	3 hours
Error diagnosis systems	
Excess temperature	x
Damage on welding/control cable	x
Weight	9.7 kg
Dimensions (W x L x H)	195 x 302 x 270 mm
External power adapter (for charging/welding from mains)	100-240 V, 50/60 Hz, 4000 mA



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