

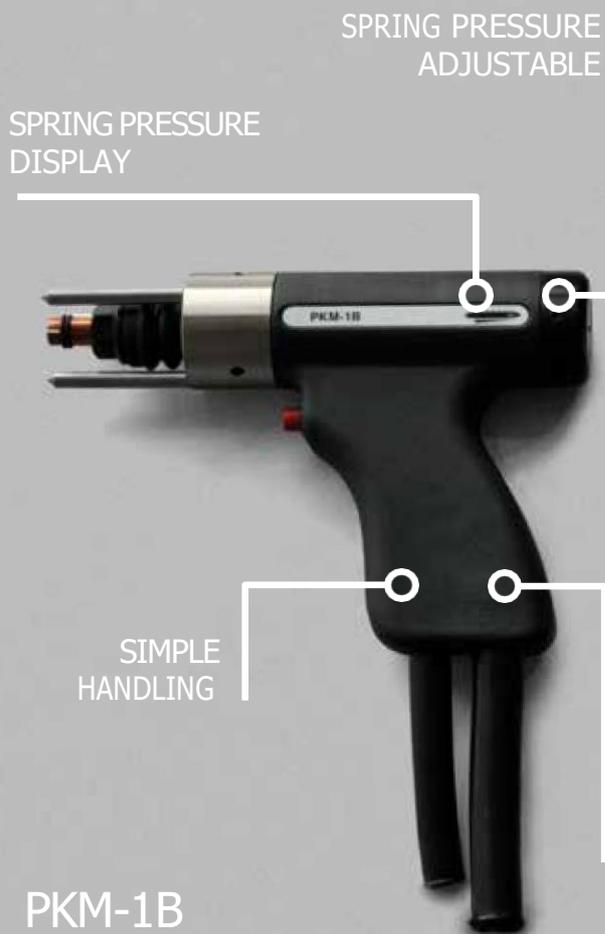


PKM-1B

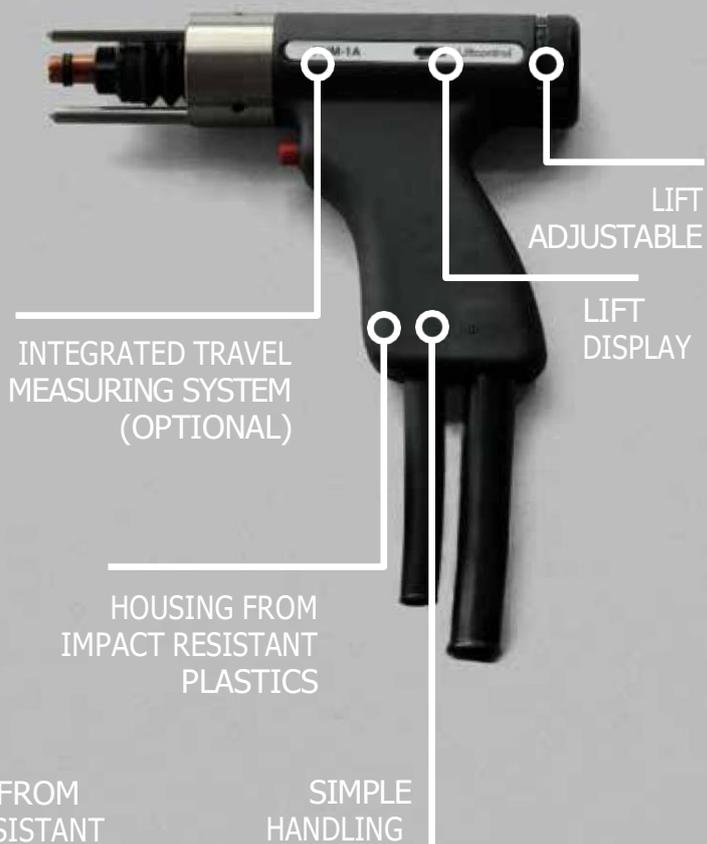
PHM-1A

STUD WELDING GUNS FOR CAPACITOR DISCHARGE STUD WELDING

PHM-1A



PKM-1B



INTEGRATED TRAVEL MEASURING SYSTEM



- » MEASURING OF STUD PROTRUSION BEFORE THE WELD AS WELL AS STUD TRAVEL (LIFT, IMMERSION DEPTH AND IMMERSION SPEED) DURING THE WELD
- » MEASURED VALUES ARE SHOWN IN THE DISPLAY OF THE STUD WELDING UNIT*

*Only in connection with series PRO-C units.



» ADVANTAGES:

MONITORING OF WELDING QUALITY

- » Comparison of actual values to set values for each weld
→ in case of variances a warning is displayed or the unit is locked for further welds
- » storage of the last ten welding parameter sets in the stud welding unit
optional: welding parameter memory for 24500 welding parameter sets



COMFORTABLE, EXACT AND FAST ADJUSTING OF STUD WELDING GUN

- » Correctly adjusted stud protrusion and lift are key factors for a high-quality stud weld.
→ As the adjusted values are shown in the display of the unit time-consuming manual measuring is no longer necessary.

TECHNICAL DATA AND CHARACTERISTICS

	PKM-1B	PHM-1A
Welding method		
Capacitor discharge (contact)	x	
Capacitor discharge (gap)		x
Welding range (Ø mm)	2-10	2-10
Welding material		
Steel	x	x
Stainless steel	x	x
Aluminum		x
Brass		x
Spring pressure adjustable	x	
Spring pressure display	x	
Lift adjustable		x
Lift display		x
Integrated travel measuring system		o
Piston guide		
Slide-bearing	x	x
Linear ball track	o	o
Welding cable		
-cross-section (mm ²)	25	25
-length (m)	6,5	3,5
Control cable plug	7-pin	7-pin (12-pin ¹⁾)
Housing from impact resistant plastics	x	x
Protection of piston guidance from welding spatters	x	x
Dimensions		
Width (mm)	40	40
Height (mm)	130	130
Length (mm)	183	183
Weight without cable (kg)	0,7	0,7

x – Standard, o – Option

¹⁾ with integrated travel measuring system



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