

## Technical Data

### Of LBS 75

Welding range	Ø 2-8 mm
Welding material	steel (unalloyed and alloyed), aluminium, brass, weldable special alloys
Welding rate	up to 25 studs/minute (depending on application and stud diameter)
Welding time	1-3 ms
Capacitance	66000 µF
Charging voltage	60-200 V, continuously adjustable
Charging energy	1320 Ws
Characteristics	- digital display of charging voltage - all important functions are indicated and controlled by LED - short charging time and thus quick welding sequences through electronically clocked inverter charging board - low-loss charging of capacitors through electronically clocked inverter charging board - continuously adjustable charging voltage - charging voltage not influenced by supply voltage variations - optimal safety during welding through integrated safety switching - internal charging time regulation in order to prevent overheating - compact construction, low weight - robust, powder-coated metal housing - powder-coated front-plate with screenprint (scratch and abrasion-resistant), ensures longtime readability of all labellings - 50 mm <sup>2</sup> welding cable sockets in order to prevent burnt contacts - stable fixing of welding cable sockets at own plug holder prevents damage on housing caused by pulling of cable - electromagnetic compatibility (EMC) tested - CE conformity
Power source	capacitor battery
Mains plug	earth contact plug according to DIN 49441
Mains supply	230 V (± 10%), 2 A, 50/60 Hz [convertable to 115 V (± 10%), 4 A, 50/60 Hz]
Mains fuse external	³ 10 AT
Protection (protection class)	IP 23 (protection class I)
Dimensions (WxHxL)	195x265x410 mm
Weight	11 kg
Article-No.	B-90-30-2035
Suitable welding guns	PKM-1B (PKM-101), PHM-1A (PHM-101), PIM-1B