

# HIGHLIGHTS

- ✓ improved chucks
- ✓ improved splash, arc and sound guards
- ✓ integrated air level
- ✓ faster and more convenient welding
- ✓ battery capacity: 750 double welds (optional: 950)



# DUOFIX

BATTERY-POWERED STUD WELDING UNIT WITH DOUBLE WELDING GUN FOR SIMULTANEOUS WELDING OF TWO STUDS

SPECIALLY DESIGNED FOR MOUNTING OF HEAT COST ALLOCATORS

BUTTON FOR CONTROLLED TRIGGERING OF THE DOUBLE WELDING OPERATION

INTEGRATED AIR LEVEL

AUTOMATIC TRIGGERING OF THE DOUBLE WELDING OPERATION

LASER ALIGNMENT AID FOR PRECISE STUD POSITIONING

SCALE ON THE GUN FOR EASY SETTING OF THE STUD SPACING (19-63 MM)

LCD DISPLAY AT THE TOP OF THE UNIT

BATTERY CAPACITY: UP TO 750 DOUBLE WELDS (OPTIONAL: UP TO 950 DOUBLE WELDS)

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

OPTIONAL: CHARGING DIRECTLY AT THE 12V ON-BOARD SOCKET OF A MOTOR VEHICLE

LIGHTWEIGHT - ONLY 4,6 KG (UNIT INCL. WELDING GUN)

INTEGRATED IN PRACTICAL AND CONVENIENT CARRYING CASE

**DUOFIX**



# VERY EASY TO USE

## LIGHTWEIGHT

- » weight only 4,6 kg (unit incl. welding gun)  
→ 30% lighter than comparable competitor units!

## INTEGRATED IN PRACTICAL AND CONVENIENT CARRYING CASE

- » offers plenty of room for additional tools, wear parts and welding studs
- » with robust carrying handle and padded carrying strap
- » custom-fit sorting boxes for stud holders and studs are included
- » edge protection
- » total weight incl. carrying case: 6,9 kg

## LCD DISPLAY AT THE TOP OF THE UNIT

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

## CONVENIENT WELDING GUN WITH INNOVATIVE FEATURES

- » laser alignment aid for precise stud positioning
- » integrated air level for exact adjustment
- » scale on the gun for easy setting of the stud spacing (19-63 mm)
- » automatic triggering of the double welding operation
- » Alternatively, the welding operation can be triggered in a controlled way by pressing a button. This function can quickly be activated or deactivated.
- » flexible and robust welding gun cable (length: 1,5 m (optional 2,1 m))
- » integrated splash, arc and sound guards
- » easy to maintain and robust design

## POWERFUL

- » perfect welds of very high strength
- » battery capacity: up to 750 double welds  
→ 375% more capacity than comparable competitor units!
- » optional: high-performance battery with a capacity for up to 950 double welds



# SPECIALLY DESIGNED FOR THE INSTALLATION OF HEAT METERS

## LONG-LASTING HIGH-END LITHIUM BATTERY

- » Battery life approx. 1000 charging cycles!

## FULL BATTERY CHARGE FROM MAINS IN ONLY 5 HOURS

## EASY, TOOL-LESS CHANGE OF BATTERY

## OPTIONAL: CHARGING DIRECTLY AT THE 12V ON-BOARD SOCKET OF A MOTOR VEHICLE

## 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 DUOFIX 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

## OPTIONALLY AVAILABLE WITHOUT CARRYING CASE

- » The very compact unit (dimensions: 170 x 125 x 198 mm) fits easily into any tool case!

## HIGH QUALITY, DURABLE STAINLESS STEEL UNIT BODY



## TECHNICAL DATA

<b>Welding range</b>	2 x M3
<b>Welding material</b>	steel, stainless steel, aluminium
<b>Welding sequence</b>	2 double welds/min
<b>Stud spacing (continuously adjustable)</b>	19-63 mm
<b>Battery capacity</b>	up to 750 double welds (optional: up to 950 double welds)
<b>Battery life</b>	approx. 1000 charging cycles
<b>Battery charging time</b>	5 hours
<b>Weight (unit incl. gun)</b>	4,6 kg
<b>Weight of gun</b>	0,6 kg
<b>Total weight (unit incl. gun and carrying case)</b>	6,9 kg
<b>Unit dimensions (W x L x H)</b>	170 x 125 x 198 mm
<b>Gun dimensions (W x L x H)</b>	30 x 92 x 130 mm
<b>Carrying case dimensions</b>	400 x 200 x 240 mm
<b>Gun cable length</b>	1,5 m (optional: 2,1 m)
<b>External power adapter (for charging/welding from mains)</b>	100-240 V, 50/60 Hz, 2250 mA



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