



MADE IN GERMANY

COMPACT DUAL

All-in-one orbital- & TIG hand welding machine



The CompactDual is an affordable and innovative all-in-one power source for both orbital welding and TIG hand welding, offering exceptional performance in a compact design.

DESCRIPTION

- High-quality TIG hand and orbital welding machine with 220 A DC power output
- Easy-to-use color display
- Stores up to 64 hand welding programs
- 99 orbital welding programs with guided program creation (automatic program calculation)*
- Fully updatable
- High-frequency pulsing for TIG hand and orbital welding (up to 2500 Hz)
- Temperature-controlled ventilation for optimal performance
- Additional advanced features for reliability and efficiency

*over 1000 programs can be stored using the RC Mini remote controller



ORBITALSERVICE®
THE FUTURE OF ORBITAL WELDING. TODAY AND TOMORROW

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TECHNICAL DATA

- Welding process: TIG DC, constant or pulsed, with or without Oscillation, AVC and wire feeder
- Input power: Single phase, 115/230 V \pm 15% - 50/60 Hz
- Main fuse: 16 A @220V - 20 A @115V
- Opened circuit voltage: 94V
- Insulation class: H
- Protection class: IP 23 S
- Welding current: 3 to 220 A @220V - 3 to 160 A @115V
- Duty cycles:
 - 230V - 40°C: 100% - 165 A / 60% - 190 A / 35% - 220 A
 - 110V - 40°C: 100% - 120A / 60% - 145 A / 35% - 160 A
- Motor controls: Encoder and Tachospeed motors
- Display / Recording: Welding current, Arc Voltage, electrode angular position, welding and wire speed
- Connectivity (Documentation, Updates): 1 x RS232
- Dimensions (L x W x H): 490 x 195 x 400 mm
- Weight: 15,4 kg (without cooling unit)
- Standard: EN 60974-1 / EN 60974-10

ACCESSORIES

- Wired and wireless remote controls RCplus+ and RC Mini
- 2-wheel trolley
- Compatible with all our weld heads and many heads from the other manufacturers
- Water cooling unit DUALCOOLER
- Cold wire feeder
- TIG hand torch
- Oxygen analyzer
- Bluetooth printer
- Bluetooth connection for the printer or the oxygen analyzer



**Pro2stick
O2 Analyzer**



**Water Cooler
DUALCOOLER**

