

SHORT-INFO

# MicorTIG 200

## The PEAK of mobile TIG welding.

- Three-way flexibility
- Remote control at the torch
- Intuitive control



## At a glance

### Three-way flexibility

Completely independent thanks to All-In technology for mains supply, generator and battery

### Intuitive control

ControlPro control panel with graphic display, push-and-turn controller and job memory function

### Remote control at the torch

The Powermaster torch puts all welding parameters right at your fingertips

### Portable TIG welding inverter

Mobile and compact 200 DC TIG welding -machine with MicorBoost technology, non-contact high-frequency ignition and -electrode welding function.

### Powerful

The built-in Power Factor Correction Module (PFC) provides for an -optimum mains load as well as full capacity during 230 V mains operation.

### Graphical display with language selection and job memory

The MicorTIG 200 ControlPro offers a clearly structured user interface that makes controlling the machine fully intuitive.

### Pulse and fast pulse

The integrated pulse function with up to 5 kHz is -exceptionally well-suited for welding thin sheets.

## Benefits

### Safety.

Bearing the IP23 and S-symbol, the series is ideal for -applications in the field.

### Robust and protected against falls from a height of up to 80 cm.

Thanks to its specially designed crash protection the MicorTIG 200 DC is sure to survive a fall from heights of up to 80 cm completely unscathed. Should you accidentally drop your welding machine or allow it fall off the workbench, you can simply power through and keep working.

### Remote control at the torch.

No more need to switch back and forth between workpiece and machine. The optional Powermaster torch puts all key welding parameters right at your fingertips, i.e. on the handle.

### Energy efficient.

The MicorTIG utilises cutting-edge industrial electronics and on-demand technology to achieve a superior level of efficiency and exceptionally low power consumption.

## Controlconcept

### BasicPlus

- HF ignition
- Pulse function with up to 5 kHz
- Exact-ampere digital display
- Infinitely variable current setting
- Menu for setting the auxiliary parameters
- Electrode pre-selection for Standard and CEL
- Switch 2-stroke/4-stroke
- Remote control connection
- Possibility for connection of the Lorch Powermaster remote control torch



### [Translate to English (en-EN):] ControlPro

- Menu navigation via detailed welding sequence control
- HF ignition
- Pulse function with up to 5 kHz
- Job memory for 10 welding tasks
- Exact-ampere digital display
- Infinitely variable current setting
- Electrode pre-selection for Standard and CEL
- Switch 2-stroke/4-stroke
- Remote control connection
- Possibility for connection of the Lorch Powermaster remote control torch



**Technical Data: MicorTIG series****MicorTIG 200**

TIG	
welding range (in Amps)	5-180   5-200
current setting	infinitely variable
Electrode	
weldable electrodes (mm)	1.5-3.2   1.5-4.0
Duty cycle TIG DC	
duty cycle 100% (in Amps) - DC	130   140
duty cycle 60% (in Amps) - DC	150   160
duty cycle at max. current (in %) - DC	25%
Mains	
mains voltage (in V)	115   230
phases (50/60 Hz)	1~
positive mains tolerance (in %)	15%
negative mains tolerance (in %)	15%
mains fuse (in Amps)	25   16
mains plug	Schuko
Dimensions and weights	
dimensions (LxWxH) (in mm)	360x130x215
weight (in kg)	6.8
Standards and approvals	
standard	EN 60974-01
protection class (EN 60529)	IP23S
insulation class	F
designation	CE, S