NEW

MicorTIG series

THE PINNACLE OF MOBILE TIG WELDING

www.lorch.eu

LORCH
smart welding

The TIG power package:
Compact. Ultra flexible. Intuitive.

TIG welding where you need it: Whether running on mains, generator or battery power – the compact MicorTIG affords you unparalleled flexibility thanks to its All-In technology. Offsetting any mains fluctuation with perfect ease, the system is guaranteed to deliver maximum power every time. Better still, the Lorch Powermaster torch paired with the unit allows you to control all welding parameters directly at the handle, saving you the trouble of covering unnecessary distances.

The graphic display which utilises with symbol-controlled operation attests to the fact that cutting-edge technology does not have be complicated. Controlling your MicorTIG is completely intuitive and does not require any language skills.

This ease of use makes the MicorTIG an indispensable staple for the workshop and installation on location.

3 YEARS INDUSTRIAL WARRANTY LORCH

LORCH ACCU READY

LORCH MICORBOOST TECHNOLOGY

+ Graphic display with language selection and job memory.
Intuitive machine control thanks to a clearly structured user interface.

+ Pulsing and fast pulsing with up to 5 kHz.
Performs especially well when used for welding thin sheets.

+ Remote control at the torch.
The optional Powermaster torch puts all key welding parameters right at your fingertips, i.e. on the handle.

+ Robust! Protected against falls from a height of up to 80 cm.
Thanks to its specially designed crash protection, the machine is sure to survive a fall from heights of up to 80 cm completely unscathed.

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

+ Energy-efficient.
High efficiency and low energy consumption thanks to integrated state-of-the-art industrial electronics and on-demand technology.

Highlights

Stainless steel welding with DC

TIG-DC welding

TIG-DC pulse welding

No inclusions of tungsten thanks to HF ignition

HF ignition

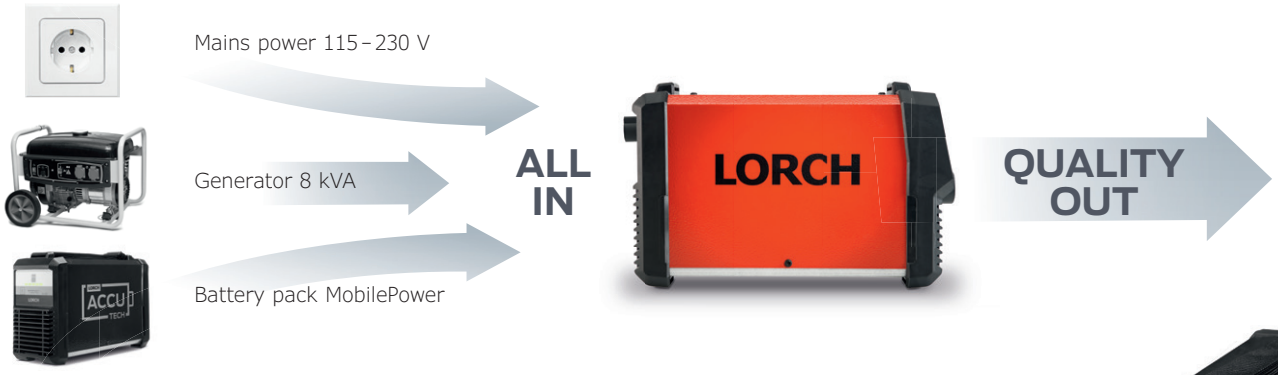
TIG ignition is triggered by non-contact high-voltage pulses or with the press of a button to ensure that the tungsten electrode does not come into contact with the workpiece. Putting an end to welds with tungsten inclusions, this technology reduces the strain on the electrode.

ContacTIG

When working in HF-sensitive environments or on tools, the operator has the additional option of switching to ContacTIG (contact ignition).

Can also be used with remote control torch

Unique flexibility thanks to All-In technology



MicorTIG plus MobilePower – freedom from the mains

Mains-independent, exceptionally versatile, and powerful.

Simply connect the MobilePower battery pack to the MicorTIG Accu-ready. No more searching for a mains socket or lugging around extension cables.

You can start welding with perfect performance right away. An ideal choice for site work and urgent repairs, especially outdoors.

More information at: **www.lorch.eu/en/mobile**

		MobilePower
Power	Wh	604.8
Charging cycles		approx. 1,000
Weight	kg	7
Dimensions (L × W × H)	mm	323 × 131 × 215
Charge time	min	150
Welding times TIG	min	± 51 (at 50 A)* ± 23 (at 100 A)*

* Values vary with arc length and ambient temperature

Operating concepts

	BasicPlus	ControlPro
HF ignition	●	●
Pulse function up to 5 kHz	●	●
Display	7-segment display, exact to the amp	exact-ampere digital display
Infinitely variable current setting	●	●
Welding sequence control	can be set via auxiliary parameters	can be set in detail via graphical user interface
Electrode pre-selection for Standard and CEL	●	●
Switch 2-stroke/4-stroke	●	●
Remote control connection	●	●
Connection for Powermaster remote torch control	●	●
Job memory for 10 welding tasks	--	●
Symbol-controlled operation	--	●
Detailed full-text menu	--	●

● Standard equipment

Technical data

		MicorTIG 200 DC (230 V mains)		MicorTIG 200 DC (115 V mains)	
Welding process		TIG	Electrode	TIG	Electrode
Electrode Ø	mm	1.0 – 4.0	1.5 – 4.0	1.0 – 3.2	1.5 – 3.2
Weldable material		Steel Stainless steel Copper	Steel Stainless steel	Steel Stainless steel Copper	Steel Stainless steel
Welding range	A	5 – 200	10 – 180	5 – 180	10 – 140
Duty cycle I max. (40 °C)	%	25	25	25	25
Current at 60 % duty cycle (40 °C)	A	160	140	150	110
Mains voltage	V	230	230	115	115
Dimensions (L × W × H)	mm	360 × 130 × 215			
Weight	kg	6.8			

THE FIRST FULL FUNCTION TIG INVERTER WITH HF IGNITION RUNNING ON BATTERY POWER

FLEXIBILITY TIMES 3
Completely independent thanks to All-In technology supporting mains, generator and battery operation

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

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Your specialist Lorch dealer:

LORCH
smart welding

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