

- ✓ LCD-display for welding settings
- ✓ Remote control MIG torch
- ✓ High-quality aluminum wire feeder
- ✓ Synergetic
- ✓ 5 years warranty



**SOLDERATECH** **HG**  
powered by

## MIG MAG welding machine synergetic 200A

product code: ML200HG

This portable Solderatech powered by HG synergistic welding machine makes it possible to perform different welding processes with ease. The wire speed is automatically adjusted to the set amperage, ensuring professional results. The applications in the LCD screen and the synergistic properties of the machine make welding with this unit a real pleasure for almost all materials without the need for complicated settings. With this machine it is possible to braze with CuSi3, the copper-silicon alloy has a lower melting temperature than steel, so that less temperature enters the material to be soldered and there is less chance of deformation of (thin) plates. It is also possible to solder different materials together (eg. aluminum to steel). The welding torch is also equipped with the latest torch-control technology, making it very easy to adjust the welding machine remotely and even while welding. The ML200HG is also equipped with thermal safety as standard, which in combination with a built-in fan prevents overheating and ensures that high-quality welding performance is guaranteed for a long time. The Solderatech inverter has a very extensive database that makes it possible to save 5 different programs with welding settings. This makes it easy to manage the ideal settings.

The hot-start/anti-stick function increases the welding current quickly, so that the electrode does not stick to the workpiece during ARC welding. Ideal for welding stainless steel, carbon steel, low alloy steel, copper and aluminum (MIG).

### Every ML200HG comes standard including:

- Solderatech MLT24M3R remote control MIG torch with Euro connector and 3m cable
- Twistlock electrode holder with 3m 16mm<sup>2</sup> cable
- Workpiece clamp with 2m 16mm<sup>2</sup> cable
- Standard 13mm Dinse cable coupling
- Gas pipe of 3m with hose clamps
- Heat resistant cover
- Molded plug with 2.5m 3x2.5mm<sup>2</sup> cable
- 2x wire drive roll: 0.6 + 0.8 and 0.8 + 1.0

### Specifications

voltage	230 V
frequency	50/60 Hz
fuse protection	16A delayed
input power	8,6 kVA
start-up voltage	69 V
duty cycle	20% - 200A / 60% - 115A / 100% - 89A (at 40 degrees ambient temperature)
welding current range	MIG 40-200 / MMA 10-180 / TIG 10-180
weldable welding wire	0.6 / 0.8 / 1.0 / 1.2
protection class	IP21S
dimensions	550 x 245 x 405 mm
weight	19,6 kg

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# SOLDATECH HG

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## Legend ML200HG



**IGBT**  
The latest IGBT inverter technology guarantees the best welding performance.



**Inductance**  
Adjustable inductance allows the width and depth of the weld pool to be adjusted in MIG welding.



**DC**  
Constant DC power output.



**Single Wire Feed**  
Single roll wire feed.



**Thermal protection**  
Prevents overheating of the welding machine.



**Aluminum Wire Feed**  
equipped with solid aluminum wire feed.



**Anti-stick**  
The anti-stick function ensures that electrodes do not stick and weld easily.



**LCD**  
Equipped with an LCD display.



**Hot start**  
The hot start ensures a high start-up voltage so that all types of welding electrodes ignite easily.



**Synergetic**  
Device automatically applies the most ideal welding settings.



**A stepless**  
Infinitely adjustable Ampere to an accuracy of 1 ampere.



**Slow Wire Feed**  
At start-up, the wire starts slow, then accelerates to the selected settings once ignition is successful.



**V stepless**  
Infinitely adjustable voltage.



**Ball Cut Function**  
Prevents drop formation on the welding wire so that the welding wire can be used immediately for the next weld.



**1Phase**  
1 phase 230V input.



**Torch Control**  
Additional control option on the welding torch.



**ARC FORCE**  
With the ARC FORCE, welding depths can be easily set during electrode welding.



**Database**  
The device is equipped with a database and can store programs.



**Arc Welding**  
Welding machine can also ARC weld (electrode welding).



**REMOTE**  
Remote control connection.



**LIFT TIG**  
TIG ignition as soon as the torch is lifted from the material.



**Push Pull Connection**  
Connection for Push Pull torch.



**Spot Welding**  
Spot welding mode with various spot welding settings.



**2T/4T**  
2T: Press 1x for on. Release for off.  
4T: Press and release 1x for on. Press again and release for off.



**Flux**  
Reverse polarity is possible so that powder-filled wire can be welded gas-shieldedly.