

# MinarcTig Evo 200/200 MLP

## The finest TIG welding quality



### + In brief

- 200 A DC @ 25 % duty cycle, 1-phase, 230 V
- Smooth welding quality
- Refined arc ignition from 5 A
- Pre and post gas timer
- Slope in/out timer
- Torch switch latching
- MLP and Pulse welding option
- Remote current controls options
- PFC technology for ultimate energy efficiency
- Mains network or generator use
- Kemppi 2+ warranty for parts and labour

### + Applications

- Installation and set-up
- Repair and maintenance
- Thin sheet metal fabrication workshops
- Chemical and process industry



Energy efficient

## Key features

MinarcTig Evo is just what you'd expect from a Kemppi TIG welding machine. Accurate and refined HF ignition and the necessary control, power and work capacity to reliably complete a variety of professional welding tasks. MinarcTig Evo is the ideal DC TIG welding solution for light industrial manufacturing, installation, repair and maintenance applications. The lightweight and compact size is a real bonus for welding professionals on the move.

Models include both MinarcTig Evo 200 and MinarcTig Evo 200MLP. The powerful PFC power source design combines useful performance advantages, including excellent energy efficiency and the ability to reliably perform on extra long power supply cables of more than 100 meters long.

MinarcTig Evo models include large LED metering displays and feature a range of functions including pre and post gas time control, slope current time controls and remote control options. MLP models are equipped with additional functions including Minilog control and semi-automatic arc pulse function. MinarcTig Evo is a dual-process machine that also provides quality MMA welding for a range of DC electrode types.



MinarcTig Evo range is the ideal DC TIG welding solution for installation, repair and maintenance applications.



Quality welding, wherever work takes you

For more product information, videos and news, please visit our website at [www.kemppi.com](http://www.kemppi.com)

# MinarcTig Evo 200/200 MLP

## Technical specifications

### MinarcTig Evo 200/200MLP

Connection voltage	1~, 50/60 Hz	230 V ±15 % (AU 240 V ±15 %)	
Rated power at max. current	25 % ED TIG	200 A/4.9 kVA	
	35 % ED MMA	170 A/5.7 kVA	
Supply current, $I_{1max}$	TIG	21.1 A	
	MMA	24.8 A	
Supply current, $I_{1eff}$	TIG	12.7 A	
	MMA	14.7 A	
Connection cable	H07RN-F	3G1.5 (1.5 mm <sup>2</sup> , 3 m)	
Fuse	type C	16 A	
Output 40 °C	TIG	25 % ED 200 A/18 V	100 % ED 140 A/15.6 V
	MMA	35 % ED 170 A/26.8 V	100 % ED 110 A/24.4 V
Welding range	TIG	5 A/10.2 V...200 A/18.0 V	
	MMA	10 A/20.4 V...170 A/26.8 V	
Open circuit voltage		95 V (VRD 30 V, AU VRD 12 V)	
Idle power	TIG	10 W	
	MMA	30 W	
Power factor at 100 % ED	TIG	0.99	
	MMA	0.99	
Efficiency at 100 % ED	TIG	77 %	
	MMA	83 %	
Striking voltage		6...12 kV	
Stick electrodes, MMA	∅	1.5...4.0 mm	
External dimensions	L × W × H	449 × 210 × 358 mm	
Weight (without cables)		11 kg	
Temperature class		F (155 °C)	
Degree of protection		IP23S	
EMC class		A	
Operating temperature range		-20...+40 °C	
Storage temperature range		-40...+60 °C	
Standards: IEC 60974-1, IEC 60974-3, IEC 60974-10, IEC 61000-3-12			

## Ordering information

### MinarcTig Evo (incl. earth return and welding cables and shoulder strap)

MinarcTig Evo 200, TTC 220 4 m	P0640
MinarcTig Evo 200, TTC 220 8 m	P0641
MinarcTig Evo 200MLP, TTC 220 4 m	P0642
MinarcTig Evo 200MLP, TTC 220 8 m	P0643
MinarcTig Evo 200 AU, TTC 220 4 m	P0672
MinarcTig Evo 200 AU, TTC 220 8 m	P0673
MinarcTig Evo 200MLP AU, TTC 220 4 m	P0674
MinarcTig Evo 200MLP AU, TTC 220 8 m	P0675
MinarcTig Evo 200 DK, TTC 220 4 m	P0676
MinarcTig Evo 200 DK, TTC 220 8 m	P0677
MinarcTig Evo 200MLP DK, TTC 220 4 m	P0678
MinarcTig Evo 200MLP DK, TTC 220 8 m	P0679