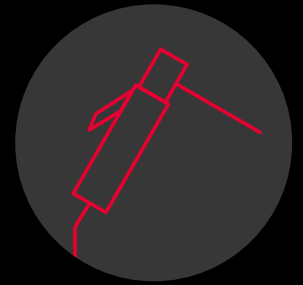




# MAX 191 PFC

Inverter 230V 1 phase



Tig Scratch



Motogen.

## Standards and Warranty

60974-10 | 60974-1 | 61000-3-12



### Inverter PFC

The Max 191 PFC is equipped with PFC technology (Power Factor Correction) that allows:

- Distortion Voltage waveform Correction
- Distortion Current waveform Correction
- Phasing Voltage with Current
- Power the inverter with constant input Voltage

It also complies with the latest and more strict harmonic regulation distortion (EN 61000-3-12) and Energy Efficiency ERP and Eco-Design.

Energy saving of 30% compared with a traditional Inverter and 50% compared with SCR technology.

### Electrode of 4mm<sup>2</sup>

With the PFC of MAX 191 PFC is

possible to weld the 4mm electrode diameter with a domestic socket of 16A .

### Long Power Cable

The immense flexibility of the PFC technology allows to use power extension up to 500m. Faraway working places from power socket become accessible.

### Tig Scratch

The function Tig Scratch allows a good arc inition with the TIG torch. The regulation of the gas is from Torch valve.

### Double fan

The Max 191 PFC is equipped with double front and rear fan to improve and enhance the air flow for greater efficiency of the electronic

components.

### Shoockproof Plastic

Shockproof plastic structure and V0 (Self-extinguishing)

### Motorgenerator

The Max 191 PFC can be connected to Motogenerators thus allowing to work also on site..

### Kit bag

Also available in the BAG version, a handy tool bag complete with accessories. Convenient and ideal for transporting the welding machine to the workplace.



Stel Welding Division  
Via Del Progresso 59

36020 Castegnaro  
(VI) - Italy

Tel. +39 0444 639525  
Tel.+39 0444 639682

sales@stelgroup.it  
www.stelgroup.it



## Technical Data

Main Voltage	230/240 V	Work Temperature	40°C
Phases	1	Current Range	5-160 A
Frequency	50/60 Hz	Welding Current 40% (25°C)	160 A
Real Current (30%)	13,5 A	Welding Current 100% (25°C)	110 A
Real Power (30%)	2,9 KVA	Welding Current 35% (40°C)	160 A
Power Factor	0,99	Welding Current 60% (40°C)	115 A
Efficiency	81%	Welding Current 100% (40°C)	100 A
No Load Voltage	90 V	Earth Clamp	25 mm <sup>2</sup>
Degree of Protection	IP 23	Length x Width x Height	440x160x300
Insulation Class	H	Weight	8,5 Kg
Safety Approved			

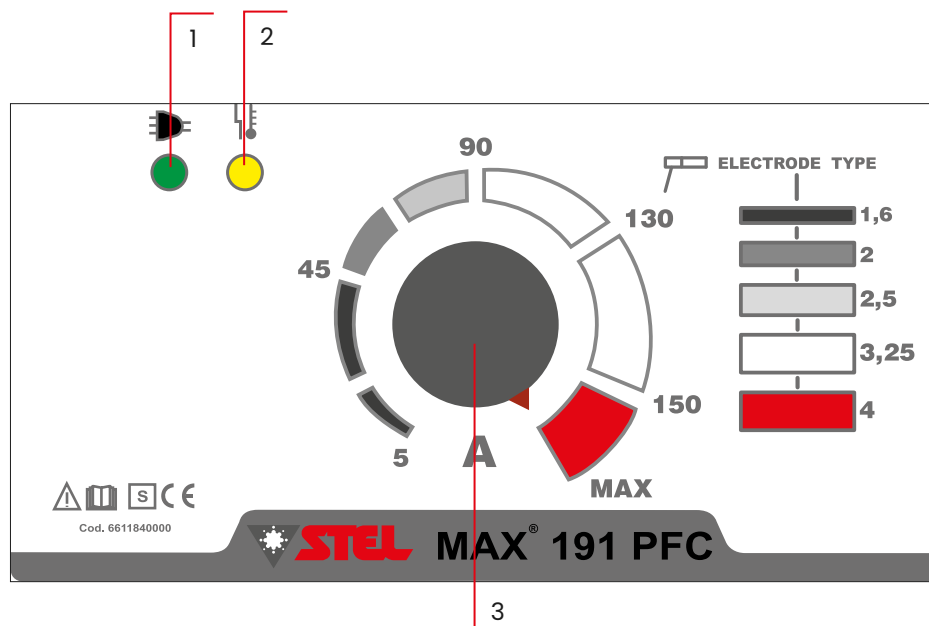
The data were collected at a temperature of 40°C.

## Front Panel Description

1. Machine live Led

2. Over temperature Led

3. Potentiometer regulating Current



## Accessories

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**1. 600661001L**

Welding KIT 25mm<sup>2</sup> Dinse 50

**2. 602060000L**

KIT Cables 25mm<sup>2</sup> Dinse 50

**3. 6011410000**

STEL Bag

**4. 642850000L**

Torch Tig TTS 17V 4m Air Dinse 50

**5. 600971000L**

Torch Tig TTS 17V 8m Air Dinse 50

**6. 6056100000**

Gas Regulator with Flow Meter

**7. 6014910000**

Helmet Aspire Jackson

