

# FANMIG 212 LCD MOST

## Semi-Automatic Welding Inverter



FANMIG 212 LCD is a cutting edge semi-automatic welding inverter machine designed for MIG/MAG welding, TIG DC (scratch start) and MMA coated electrode welding. The device operates synergic or manual mode and includes a wide range of programmes for steel, stainless steel and aluminium. Programms for MIG brazing with CuSi3 0,8 mm and 1,0 mm wires are also available. FANMIG 212 LCD is a compact machine: power source and wire feeder are there in the same body. On the rear shelf there is a place for gas cylinder (max. 120 cms high).

The device is powered from a single-phase 230V. A PFC (Power Factor Correction) filter has been included in the device. The advantage of an inverter with PFC are: higher energetic effectiveness, lower load for electric network, greater tolerance to current fluctuations and less interference generated by the device.

The 4-rolls wire feeder enables wire welding with 15 kg / K300 spools. Recommended steel wire diameters are 0.8 - 1.0 mm and 1.0 mm for aluminium. After change to the polarisation it is possible to apply self-shielding flux cored wire 0,8 or 0,9 mm.

#### Main applications:

- Light renovation works,
- Car body repairs,
- Crafting, production of light steel structures,
- Hobby.

Control panel equipped with display presents text messages. Parameter setting is executed with two knobs used both for choosing and confirming functions or values.

The device is supplied with a ground cable and for coated electrode welding MMA, a gas hose and a manual booklet, standard rolls for 0.8-1.0 mm steel wire.

#### Additional welding torches and accessories (optional):

- Welding torch M24 SGRIP 3 m - 55 08 302430
- Welding torch M24 SGRIP 4 m - 55 08 302440
- Welding torch M24 SGRIP 5 m - 55 08 302450
- Welding torch M15 SGRIP 3 m - 55 08 301530
- Welding torch M15 SGRIP 4 m - 55 08 301540
- Welding torch M15 SGRIP 5 m - 55 08 301550
- Welding torch TIG 26 SGRIP 4 m - 56 01 082622
- Roll 0,8-1,0 30/22 - 51 13 007826
- Roll 0,6-0,8 30/22 - 51 13 007783

#### Accessories for aluminium welding and brazing (recommended wire diameter 1.0 mm):

- Roll 1,0AL-1,2AL - 51 13 007863
- Graphite-teflon liners for welding torch:
  - 55 13 013010 (3 m);
  - 55 13 013020 (4 m);
  - 55 13 013030 (5 m)
- Brass tube for EURO connection - 51 13 008011.

Warranty: 24 months.

PRG	MATERIAL	GAS	D.
01	Fe-metal,Solid-wire	MIX gas	0.6
02	Fe-metal,Solid-wire	MIX gas	0.8
03	Fe-metal,Solid-wire	MIX gas	1.0
04	Fe-metal,Solid-wire	CO2 gas	0.6
05	Fe-metal,Solid-wire	CO2 gas	0.8
SYN     2T    230V			
02	Fe-metal,Solid-wire	MIX gas	0.8



Model	FANMIG 212 LCD
<b>Electrical power supply</b>	1x230/ 50-60 V/ Hz
<b>Welding current range</b>	
▪ MIG/MAG	25-200 A
▪ TIG	10-200 A
▪ MMA	10-200 A
<b>Open circuit voltage (MMA) U<sub>o</sub></b>	67 V
<b>Fuse</b>	16 C (slow)
<b>Current I<sub>eff</sub></b>	16 A (MMA)
<b>Current I<sub>1max</sub></b>	30,5 A
<b>Duty cycle X</b>	
▪ MIG/MAG	200 A/30%; 150 A/60%; 130 A/100%
▪ TIG	200 A/35%; 160 A/60%; 140 A/100%
▪ MMA	200 A/25%; 140 A/60%; 120 A/100%
<b>Wire feeding speed</b>	1,5-17,0 m/min
<b>Insulation class</b>	F
<b>Protection class</b>	IP 23S
<b>Rolls</b>	4 x 30/22
<b>Dimensions</b>	474 x 911 x 670 mm
<b>Weight</b>	44,5 kg
<b>Catalogue no.</b>	51 00 023700

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