

# RAGNAMIG 201 MULTI

**RAGNAR**  
WELDING



## RagnaMig 201 Multi at a glance

The RagnaMig 201 Multi is a multi process inverter power source suitable for MIG, TIG DC and MMA (Stick) professional welding.

Its 200A @20% allows welding various types of materials such as mild steel, stainless steel, brass, copper, aluminium (Only MIG) and can accommodate 1Kg (D100) and 5Kg (D200) wire spools.

It features functions like 2T/4T Trigger, Spool-On Gun, as well as polarity inversion for gasless welding (Flux Cored Wire).

**2 YEARS**  
WARRANTY

## RAGNAMIG 201 MULTI MAIN FUNCTIONS

### MIG, LIFT TIG AND MMA (STICK) PROCESSES

Capable MIG Gas / Gasless, Lift TIG and MMA (Stick) welding processes.

### TORCH TRIGGER MODES

2T Trigger Mode and 4T Trigger Mode available.

### SPOOL-GUN READY

Compatible with Spool Gun (Spool-on Gun).

### LIFT TIG PROCESS

Capable of welding TIG with Lift Arc Start, with features like 2T/4T torch trigger and adjustable down slope time.

### MMA PROCESS (STICK)

Capable of welding all types of common used STICK welding electrodes, such as 6013, 7018 etc. Anti-Sticking will reduce the output current after senses the electrode contact with the metal for a prolonged period. Auto Hot Start boosts the current during starting for quicker ignition. Arc Force (Adjustable) gives additional amperage during low voltage (short arc length) conditions while welding and helps avoid "sticking" electrodes to the workpiece.

### IGBT INVERTER TECHNOLOGY

Differently from traditional AC transformer system, guarantees cutting edge technology in welding, specifically by providing better arc stability, lower current consumption, compact equipment size and lightweight.

### MCU CONTROL SYSTEM (INTELLIGENT MACHINE CONTROL)

A built-in microprocessor for real time monitoring of the arc and machine protection detection.

### GENERATOR FRIENDLY

Can be connected to Power Generators.

### DIGITAL METER

Three digits digital meter for real time current and error warning display.

### EXCELLENT ARC STABILITY

Smooth and reactive welding arc for superior ignition, penetration and welding quality.

### LIGHTWEIGHT & PORTABLE

Only 550x215x410mm and 14.7Kg with handle.

### FAN COOLED

Powerful fan and special internal engineering design for efficient cooling and keeping the impurities and dust away from sensitive electronic parts.

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## SPECIAL FUNCTIONS



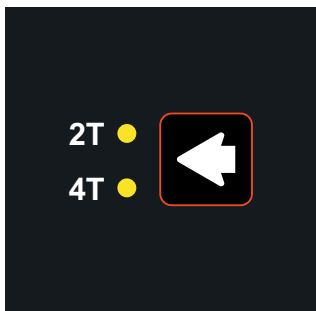
### SPOOL GUN

Allows the use of Spool Guns, for superior convenience, particularly with aluminum wire.



### FINE TUNING (INDUCTANCE) CONTROL KNOB

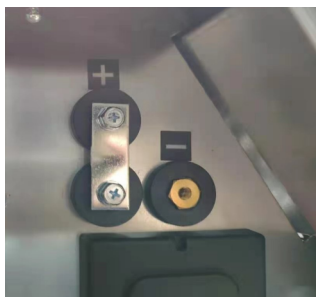
Controls arc characteristics, when set to low (LH side) the arc will feel hard with dig, when set to high (RH side) the arc will feel softer and helps reduce spatter.



### 2T/4T TRIGGER FUNCTIONS

2T / 4T Trigger Functions

Allows simple torch operation by pressing trigger (arc on) and releasing trigger (arc off) in 2T mode. For longer welds 4T can be used: trigger pressed and released to start welding, and press / release again to stop welding



### GASLESS WELDING

For welding with self-shielded Gasless MIG Wire (no gas), then the polarity needs to be changed. The cable that goes to the work lead and clamp needs to be connected to the terminal marked (+) positive. This is known as reversing the polarity.

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## TECHNICAL DATA

### PARAMETERS

Input Voltage (V)	1 ph 230 ±10%		
Max Input Current (A)	MMA 47.1	TIG 32.7	MIG 42.2
Input Power (KW)	10.8	7.5	9.7
Welding Current (A)	10-200		40-200
No-load Voltage (V)	69.2	64.1	63.9
Duty cycle (40°C)	20% 200A 60% 115A 100% 90A		

Wire Diameter (mm)	Fe: 0.6 / 0.8 / 0.9 / 1.0 Ss: 0.8 / 0.9 / 1.0 Flux-Cored: 0.6 / 0.8 / 0.9 / 1.0
Cooling	AF
Protection class	IP21S
Circuit breaker	JD03 - A130A
Dimensions (mm)	530 * 220 * 405
Weight (Kg)	14.5

\*Images and specifications are for reference and are subject to changes/improvements without notice.

## RAGNAMIG 201 MULTI PACKAGE INCLUSIONS



RAGNAMIG 201 MULTI POWER SOURCE

WELDING TORCH MIG 15 4m

EARTH CABLE 16mm<sup>2</sup> 3m & EARTH CLAMP 300A

GAS HOSE 3m WITH QUICK FIT CONNECTOR

SPARE FEEDER ROLL 0.6-0.8V

## RAGNAMIG 201 MULTI ORDERING INFORMATION & OPTIONAL ACCESSORIES

RM.201.01P - RagnaMig 201 Multi Package

RM.201.01 - RagnaMig 201 Multi

ICT2799 - Welding Torch Mig 25 4m

ICT2786 - Welding Torch Mig 15 4m

ICL0116 - Spool Gun 24 6m

RACC.1600002 - Welding Cable 16mm<sup>2</sup> 3m & Electrode Holder 300A

RACC.1600001 - Earth Cable 16mm<sup>2</sup> 3m & Earth Clamp 300A

RACC.G000001 - GAS HOSE 3m WITH QUICK FIT CONNECTOR

RACC.ROL0006 - Feeder Rolls 0.8-1.0 V

I0Z6906-36 - Welding Torch TIG 17 4m

COMPLETE WIRE FEEDER ROLLS RANGE AVAILABLE UPON REQUEST



**V Groove Rollers**  
For Solid Wires



**FCW Groove Rollers**  
For Flux Cored Wires



**U Groove Rollers**  
For Soft Wires