

RAGNATIG 201

RAGNAR
WELDING



RagnaTig 201 DC at a glance

The RagnaTig 201 combines the latest IGBT power technology with excellent HF DC TIG and MMA (Stick) welding characteristics.

This compact and light welder allows to adjust all aspects of the weld cycle and being a pulsed DC unit 200A @60%, allows TIG weld all the most common materials (steel, stainless steel etc), making this welder the ideal choice for any professional user, trades person or maintenance technician.

RagnaTig 201 works with multiple remote control devices such as: remote torch (Up/Down or Potentiometer), Remote Foot Pedal and Wireless Hand Remote Control, allowing a superior TIG welding experience.

Its small size, light weight, powerful HF start and high duty cycle, makes this compact unit unique in the market.

2 YEARS
WARRANTY

RAGNATIG 201 MAIN FUNCTIONS

HF DC TIG AND LIFT TIG PROCESS

Capable of HF DC TIG and Lift TIG welding processes

ADJUSTABLE TIG WELDING CYCLE

Adjustable Pre/Post Gas Flow, Start/End Current, Up/Down Current Slope, Pulse Frequency and Width.

TORCH TRIGGER MODES

2T Trigger Mode and 4T Trigger Mode available.

MMA PROCESS (STICK)

Capable of welding all types of common used STICK welding electrodes, such as 6013, 7018 etc.

MMA EXTRA FEATURES

Anti-Sticking will reduce the output current after senses the electrode contact with the metal for a prolonged period. Hot Start (Adjustable) 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 510*160*290mm and 8Kg, 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.

PULSE MODE

Adjustable pulse for low heat input while keeping proper penetration.



RAGNATIG 201

REMOTE CONTROL FEATURES



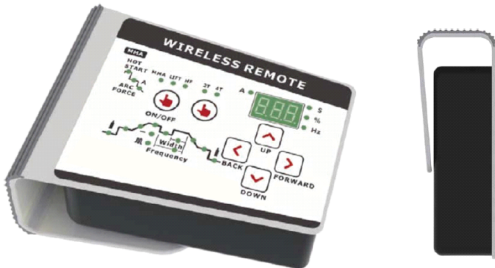
Remote controlled TIG torches allow a quick current adjustment without the need of returning back to the unit front panel. Potentiometer TIG torch and Up/Down TIG torches are available.



The Foot Pedal Remote Control allows to keep you hands free to manoeuvre the TIG torch and filler materials.



Wireless Hand Remote Control allows the full control of the machine from up to 20m distance





RAGNATIG 201

TECHNICAL DATA

PARAMETERS		
Input power (V)	1ph 230±10%	
Fre. (HZ)	50/60HZ	
Rated input current (A)	31.1 (DC TIG)	44.4 (DC MMA)
Rated input power (KW)	7.15 (DC TIG)	10.19 (DC MMA)
	DC TIG	DC MMA
Duty cycle (40°C 10 minutes)	40% 200A	
	60% 165A	
	100% 125A	
No load voltage (V)	63	66
Adjustment range of welding current (A)	10-200(DC TIG)	10-200 (DC MMA)
Down slope (S)	0-10	

Post flow (S)	0-10
Pulse frequency (HZ)	0.5-200
Pulse width range (%)	5-95
Power factor	0.6
Cooling	AF
Protection class	IP21S
Insulation class	H
Dimensions of Machine (L×W×H)(mm)	510x160x290
Weight (Kg)	8



RAGNATIG 201

PACKAGE INCLUSIONS

RAGNAR
WELDING



RAGNATIG 201 POWER SOURCE

R-TIG 17 4m REMOTE

EARTH CABLE 16mm² 3m & EARTH CLAMP 300A

GAS HOSE 3m WITH QUICK FIT CONNECTOR



RAGNATIG 201

ORDERING INFORMATION & OPTIONAL ACCESSORIES

RT.201.02P – RagnaTig 201 Package

RT.201.02 – RagnaTig 201 Power Source

IOZ6906-36RC – Welding Torch TIG 17 4m REMOTE

IOZ6906-36 – Welding Torch TIG 17 4m

IOW6306-36RC – Welding Torch TIG 26 8m REMOTE

IOW6906-36 – Welding Torch TIG 26 4m

RACC.1600002 – Welding Cable 16mm² 3m & Electrode Holder 300A

RACC.1600001 – Earth Cable 16mm² 3m & Earth Clamp 300A

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

RACC.REM0001 – Corded Remote Foot Pedal 6m

RACC.REM0002 – Wireless Hand Remote Control

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