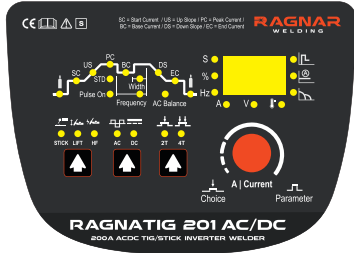


RAGNATIG 201 AC/DC

RAGNAR
WELDING



RagnaTig 201 AC/DC at a glance

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

This compact and light welder allows to adjust all aspects of the weld cycle and being an AC/DC unit 200A @35%, allows TIG weld aluminium, making this welder the ideal choice for any professional user, trades person or maintenance technician.

RagnaTig 201 AC/DC has remote TIG torch (Up/Down TIG torch or Potentiometer TIG Torch) and Foot Pedal capabilities, allowing a superior TIG welding experience.

Its small size, light weight and powerful HF start, makes this small AC/DC unique in the market.

RAGNATIG 201 AC/DC MAIN FUNCTIONS

2 YEARS
WARRANTY

HF AC/DC TIG and Lift TIG Process

Capable of HF AC TIG, 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, AC Balance.

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 410x146x278mm and 8.9Kg, 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 in both AC and DC for low heat input while keeping proper penetration.

RAGNATIG 201 AC/DC

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.



RAGNATIG 201 AC/DC

TECHNICAL DATA

PARAMETERS

Input power (V)	1ph 230±10%	
Fre. (HZ)	50/60HZ	
Rated input current (A)	30.5 (AC TIG)	39.1 (AC MMA)
	28.3 (DC TIG)	40.7 (DC MMA)
Rated input power (KW)	6.1 (AC TIG)	8.6 (AC MMA)
	6.4 (DC TIG)	8.9 (DC MMA)
Duty cycle (40°C 10 minutes)	ACTIG	MMA & DC TIG
	35% 200A	40% 170A
	60% 155A	60% 140A
	100% 120A	100% 110A
No load voltage (V)	52	
Adjustment range of welding current (A)	10-200(AC TIG)	10 ~ 170 (MMA & DC TIG)
Down slope (S)	0-10	

Post flow (S)	0-10
Pulse frequency (HZ)	0.5-200
AC frequency (HZ)	60
Pulse width range (%)	5-95
Clearance effect (%)	15-50
Efficiency (%)	≥85
Power factor	0.6
Cooling	AF
Protection class	IP23
Insulation class	H
Dimensions of Machine (L×W×H)(mm)	410×146×278
Weight (Kg)	8.9

RAGNATIG 201 AC/DC PACKAGE INCLUSIONS



RAGNATIG 201 AC/DC POWER SOURCE

R-TIG 17 4m REMOTE

EARTH CABLE 16mm² 3m & EARTH CLAMP 300A

GAS HOSE 3m WITH QUICK FIT CONNECTOR



RAGNATIG 201 AC/DC ORDERING INFORMATION & OPTIONAL ACCESSORIES

RT.201.01P - RagnaTig 201 AC/DC Package

RT.201.01 - RagnaTig 201 AC/DC 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