

TIG/MMA 200AC/DC

EN SERIES

NGEN EMPOWERING FUTURE

TIG/MMA 200AC/DC EN

AC/DC Pulse TIG Welding Machine
200A / Single Phase 220V

WARRANTY



Product Features

• AC/DC TIG up to 200A: AC for aluminium and its alloys, DC for carbon and stainless steel.
• Four AC waveforms: square, triangle, trapezoidal and sine wave output to match the finish you need.
• Pulse TIG: adjustable peak, base, frequency and duty cycle for full heat control on thin material.
• 10 memory channels: store and recall up to ten parameter settings for repeat jobs.
• 2T/4T, repeat and spot modes: trigger and spot welding options for production and tack work.
• Remote control socket: connect a remote control for adjustment away from the machine.

SPECIFICATION

Model	NGEN-TIG/MMA-ACDC200 (EN)
Input Supply	1 phase 220V ±10%, 50/60Hz
Rated Input Current (A)	36
Rated Input Power (kW)	7.9
Welding Current Range (A)	TIG 5 to 200 / MMA 30 to 160
Front Gas Time (s)	0 to 2
Hot Arc Current (A)	30 to 150
Arc Start Current (A)	5 to 200
Up Slope Time (s)	0 to 15
AC Frequency (Hz)	15 to 150
AC Cleaning Duty Cycle (%)	10 to 65
AC Cleaning Current (A)	0 to 60
Pulse Peak Current (A)	25 to 200
Pulse Base Current (A)	5 to 180
Pulse Frequency (Hz)	0.1 to 500
Pulse Peak Duty Cycle (%)	15 to 80
Down Slope Time (s)	0.1 to 15
Crater Current (A)	5 to 200
Post Gas Time (s)	0.1 to 60
Spot Welding Time (s)	0.1 to 9.99
Duty Cycle TIG (40°C, 10 min)	25% at 200A / 100% at 150A
Duty Cycle MMA (40°C, 10 min)	50% at 160A / 100% at 130A
Max No-load Voltage (V)	68
Efficiency	>80%
Power Factor	0.68
Insulation Class	F
Enclosure Protection	IP21S
Packing Size (mm)	555 x 330 x 428

Designed in CANADA
Built to Last

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