

Product Specifications

DANOX TIG-200A

| Advance Design | Quality Assurance |



Prepared By
Danox Welding Pte Ltd
2025

Features & Benefit

2T/4T

Both 2T and 4T modes improve welding efficiency by automating aspects of the welding process, reducing the need for manual intervention and streamlining workflow.

HF Mode High Frequency

The use of high-frequency electrical current to initiate and maintain the welding arc without physical contact between the tungsten electrode and the workpiece. Prevents contamination of the tungsten and the weld pool by avoiding contact starts.

Selectable Down Slope time

Programmable delay that gradually reduces the welding current at the end of the weld, rather than stopping it abruptly. This helps improve weld quality and prevents defects like craters or cracks.

Selectable Post Flow time

The amount of time that shielding gas continues to flow after the arc has stopped. It's an important setting that helps protect both the tungsten electrode and the weld pool from oxidation while they cool. This prevents air from contaminating the still-hot weld and the tip of the tungsten.

MMA Mode for various types of electrodes

Compact and portable with light weight

Digital Ammeters for easy viewing

High duty cycle for industrial applications

Generator friendly allows to work with diesel generators and to avoid failures due to its voltage spikes

Protections including over-heat ,over-voltage, low-voltage and over-current

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Specifications & Parameters

Model	TIG-200A
Input power source	AC230V ± 10% 50/60HZ
Input Current (A)	MMA: 46 TIG: 33
Input Power (KVA)	MMA: 7.0 TIG: 4.5
Output Current (A)	10 - 180
Up/Down Slope (S)	0 - 10
No Load Voltage (V)	63
Arc Ignition Type	HF
Duty Cycle (%) 40°C	60% @ 125A 100% @ 100A
Efficiency (%)	85
Protection Class	IP23
Insulation Class	H
Dimension (mm)	400 x 135 x 250
Weight (Kg)	7
Max. Electrode (mm)	2.6 - 5.0

Machine Accessories



Earth Clamp



Tig Torch



Argon Regulator

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