

ZYROD300 TIG Welding Machine

Description

The **ZYROD300** is a single-phase welding inverter tailored for Indian standards, operating at 220V. With user-friendly controls, advanced features, and robust construction, it is ideal for light TIG fabrication and stainless steel welding. Designed for portability and high performance, it is perfect for tradespeople and maintenance workers.



Technical Specifications

Specification	KOKO-TAWA ZYROD-300
Welder Type	HF TIG, Lift TIG, and Stick Multi-Process Inverter
Number of Phases	Single Phase
Nominal Supply Voltage	220 VAC \pm 15%
Nominal Supply Frequency	50/60 Hz
Welding Current Range - TIG	10 - 300 A
Welding Current Range - Stick	10 - 250 A
Nominal DC Open Circuit Voltage	75 V
Factory Fitted Supply Plug Rating	15 Amps
Effective Input Current (I _{1eff})	15 Amps
Maximum Input Current (I _{1max})	33.9 Amps
Minimum Single Phase Generator Recommendation	9.5 kVA at 0.8 PF
STICK (MMAW) Welding Output, 40°C, 10 min.	250 Amps @ 20% Duty Cycle
TIG (GTAW) Welding Output, 40°C, 10 min.	300 Amps @ 30% Duty Cycle
Protection Class	IP21S
Cooling	Fan Cooled
Power Source Mass	8.2 Kg
Power Source Dimensions (H x W x D)	245 mm x 145 mm x 420 mm
Standards of Conformity	IEC 60974-1

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Key Features

- **220V Operation:** Inverter based machine designed for Indian mains supply.
- **Current Range:** TIG (10-300A), Stick (10-250A).
- **Advanced Controls:**
 - HF Start for non-contact TIG welding.
 - Arc Force, Hot Start, and Anti-Stick for smooth and efficient operation.
- **Portable Design:** Lightweight at 8.2 kg, with a carry handle for easy transport.
- **Durable Build:** Rugged case with over-temperature cut-out protection.
- **Multipurpose Functionality:** Perfect for TIG and Stick welding across various applications.
- **Efficient Power Use:** Minimum generator recommendation of 9.5 kVA ensures compatibility with local setups.

Applications

- Light TIG fabrication
- Stainless steel welding
- Maintenance and repair work
- Workshop and on-site projects

Package Includes

- **Power Source:** ZYROD 300i TIG Welding Machine.
- **TIG TORCH** – options for Water Cooled / Gas Cooled
- **Argon Gas Regulator with Flow Meter**
- **Hose Pipe 2mtr with clamp**
- **Welding Helmet (Optional)**
- **Earthing Cable with Clamp – 2 mtr**
- **Welding Cable with Holder – 2mtr (Optional)**