

Add Product

What is the name of the Technology/ Product?*

iBELL TIG/MMA Welding Machine T250-106, 250A, 220V, Inverter IGBT, Anti Stick, with 10nos Tungsten Rods & All Accessories Included - 1 Year Warranty

In which year was the technology developed by your organization?*

2024

In which year the technology received DST SEED support?*

2023

Give a brief description of the Technology/ Product

Purpose*

DUAL OPERATION] The welding machine can be operated both as MMA (Manual Metal Arc) and Tungsten Inert Gas (TIG). 1. TIG welding uses a non-consumable tungsten electrode to produce the weld. The weld area and electrode are protected by an inert shielding gas (argon). 2. In MMA, with consumable, flux-covered electrodes and a ground clamp, a short-circuit is initially made on the weld piece.

Functioning*

SPECIFICATION] Rated voltage : 220V±15%, 50/60Hz, Input Capacity : 10.8 KVA, Input Current : 43 A, No Load Voltage : 45 V, MMA Output current : 20-160 A, TIG Output current : 5 -200 A, Usable electrodes : 1 to 5 mm, Protection Class : IP21

Executive Summary*

minimizes the short circuit current in the event of the electrode sticking to the work piece. VRD (Voltage Reduction Device) in-built function provides an additional measure of safety. Arc force in-built improves the weld performance on the specified size of electrodes to be used, making the job easier

Name of the Principal Investigator*

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Mobile Number*

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Under which company name, technology is registered. Also provide the address of the company, if any?*

B-32

Qutab Institutional Area

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Last Updated: 27 Nov 2024