



TAURUS TIGMASTER 250-PRO HEAVY DUTY COLD DC PULSE WELDER – 220V

Description

The Taurus TIGMASTER 250-PRO COLD DC PULSE inverter is a robust machine designed and manufactured for operation under demanding industrial conditions. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. Added to the advantages of the advanced IGBT technology inverted power supply, the machine has good dynamic characteristics and welding quality and ease of control. It offers various welding functions including DC TIG, pulsed TIG, MMA and TIG cold welding.

TIG cold welding provides microsecond pulses that eliminate heat discoloration and warping on ultra-thin metals under 1mm. In contrast, standard TIG DC pulse cycles between high and low amperage to maintain a stable puddle and control penetration on thicker materials (1mm to 6mm+) without burning through.

ACCESSORIES

- Earth clamp cable kit.
- Electrode cable kit.
- TIG torch.
- Argon flowmeter.

OPTIONAL EXTRAS

- Foot control.
- Water cooling unit.
- Water-cooled TIG torch.

ADJUSTABLE DATA PARAMETERS

- Pre-gas flow time
- Initial current
- Upslope time
- Welding current
- Base current
- Duty cycle (I1)
- Pulse frequency
- Downslope time
- Arc-stop current
- Post-flow gas time
- Cold spot welding time

- Cold spot interval time
- ARC Force (only in Stick functions)

SPECIFICATION

PRODUCT CODE

MODEL

RATED POWER SUPPLY INPUT FOR TIG

DUTY CYCLE 40°C @ 10 MINUTES

OPEN CIRCUIT VOLTAGE

WELDING CURRENT RANGE

DIMENSIONS(mm) AND NET WEIGHT(kg)

Product Category

1. Taurus Machines
2. Tig Welders

Date Created

09 Jul 2026

DESCRIPTION

TA-TIGMASTER-250-PRO

TIGMASTER 250-PRO

220V±15% SINGLE PHASE

60% @ 250A (TIG)

70V

10 – 250A

380 x 185 x 315mm ? 9.5kg