

INDUSTRIAL PORTABLE GTAW / SMAW WELDER



DISCOVER 250 TIG

GTAW/TIG/Arc/Stick/SMAW Welding

TECHNICAL SPECIFICATION

Input Specifications

Input Supply: 170-280VAC, 1Ph, 50/60Hz
Input @ 250A / 30V : 9KVA / 11.8HP, 4A@230V
Input @ 190A / 27V : 6.4KVA / 8.2HP, 9A@415V

Mechanical Specifications

Dimensions (LxWxH): 520x190x360mm
(Power source)
Weight: 15kg

Functional Specifications

Preflow Gas Time: 0-10secs
Postflow Gas Time: 0-10secs
Upslope Time: 0-10secs
Downslope Time: 0-10secs
Arc Force: 0-100%
Hot Start: 0-100%

Output Specifications

Output Current Range: 10A to 250A
Duty Cycle @ 50%: 250A / 30V
Duty Cycle @ 100%: 195A / 28V
Open Circuit Voltage (OCV): 75V-95V DC

Protection Features

OT-Over Temperature (when internal temperature more than 70oC).
OC-Over Current (when over current flows through IGBT).

FUNCTIONAL FEATURES

ARC Force for smooth and crisp welds.

Hot Start Helps in rusted and dirty welds.

Preflow/Postflow Gas Ensuring weld quality and complete gas coverage.

Upslope/Downslope for smooth current transitions.

Gas Test for testing Gas flow rate prior to welding.

2T/4T trigger settings for welder comfort during long seams.

OTHER FEATURES

Remote Feature for controlling welding current using a hand held remote or foot pedal.

IP65 Panel parts dust and water protected front panel switches & buttons.

IP21 Rated chassis suitable for outdoor as well as indoor use.

Steel Body for long life and rugged usage.

Terminals Lug type heavy duty rated.



1. VOLTAGE/CURRENT DISPLAY
2. STICK / TIG SWITCH
3. PREFLOW GAS
4. UPSLOPE/ARC FORCE
5. DOWN SLOPE/HOT START
6. CURRENT SETTING
7. POSTFLOW GAS
8. POSITIVE TERMINAL
9. TORCH TRIGGER
10. GAS OUTLET
11. NEGATIVE TERMINAL



A) Discover 400 Glory Tig power source

Order Code : APS - D250TIG



1) Electrode Holder 200A with 3 meter 25sqmm cable

Order Code: AEH200A3M25SQ



2) Earthing Clamp 200A with 3 meter 25sqmm cable

Order Code: ACE200A3M25SQ



3) TIG Welding Torch Gas Cooled 200Amp

Order Code: AGC2004M (4mtr) / AGC2008M (8mtr)

4) TIG Welding Torch Gas Cooled 300Amp

Order Code: AGC3004M (4mtr) / AGC3008M (8mtr)



5) Argon Regualtor Single Stage Double guage

Order Code: AREGSSDG-ARG

6) Gas Flow Meter

Order Code: AGASFLOWMTR

AUTHORISED DEALER :