



# MAGNUS 250 CC / CV

## MIG / MAG / ARC / STICK

### Specifications:

Input Supply	330-500, 50Hz/60Hz, 3Phase	Max OCV	70V
Switching Device	IGBT	Wire feed speed	0.8 - 22.0 m/min
Input KVA @ 250A	8.2 KVA		
Current Range	10 - 250 Amps	Class of protection	IP21
Voltage Range	14.0 - 34.0 Volts	Dimensions (WxLxH)mm	310 x 450 x 480 mm
Current @ 60% Duty	250Amps	Weight	38 Kg
Current @ 100% Duty	190Amps		

APS provides the most reliable in its class, MAGNUS 250 CC/CV welding equipment. The Magnus series is well known in the market for its simplicity, reliability, ruggedness and is capable of serving the customer in tough environment. Magnus series is designed to work under wide voltage fluctuations, protected against Over Voltage, Under Voltage, Over Heating, Over current for IGBT protection with indication, Phase error detection. On Load Power Consumption upto 50% lesser than conventional Non-inverter type welding equipment.



### Protection features:

- OV - Over Voltage (Indicates supply voltage above 500V)
- UV - Under Voltage (Indicates supply voltage below 330V)
- OC - Over Current (IGBT Over Current Indication)
- OT - Over Temperature (Internal temperature above 70deg)
- SP - Single Phase loss (One of Phase is not connected)

### Specification of WIRE FEEDER



Wire Diameter (mm)	0.8 - 1.6
Wire Drive Motor (Type)	Pancake 24VDC
Drive System (Type)	2 / 4 Roll
Wire Speed Control (m/min)	Linear Supply 0 to 20
Dimensions (W x L x H) in mm	215 x 550 x 290
Weight (Kgs)	10

### Accessories

Mig Torch



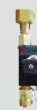
Flowmeter



Co2 Regulator



Pre-Heater



Earthing Clamp



## ADVANCED POWER SOURCES® LIMITED

WELDING - CUTTING - GOUGING - AUTOMATION - ACCESSORIES

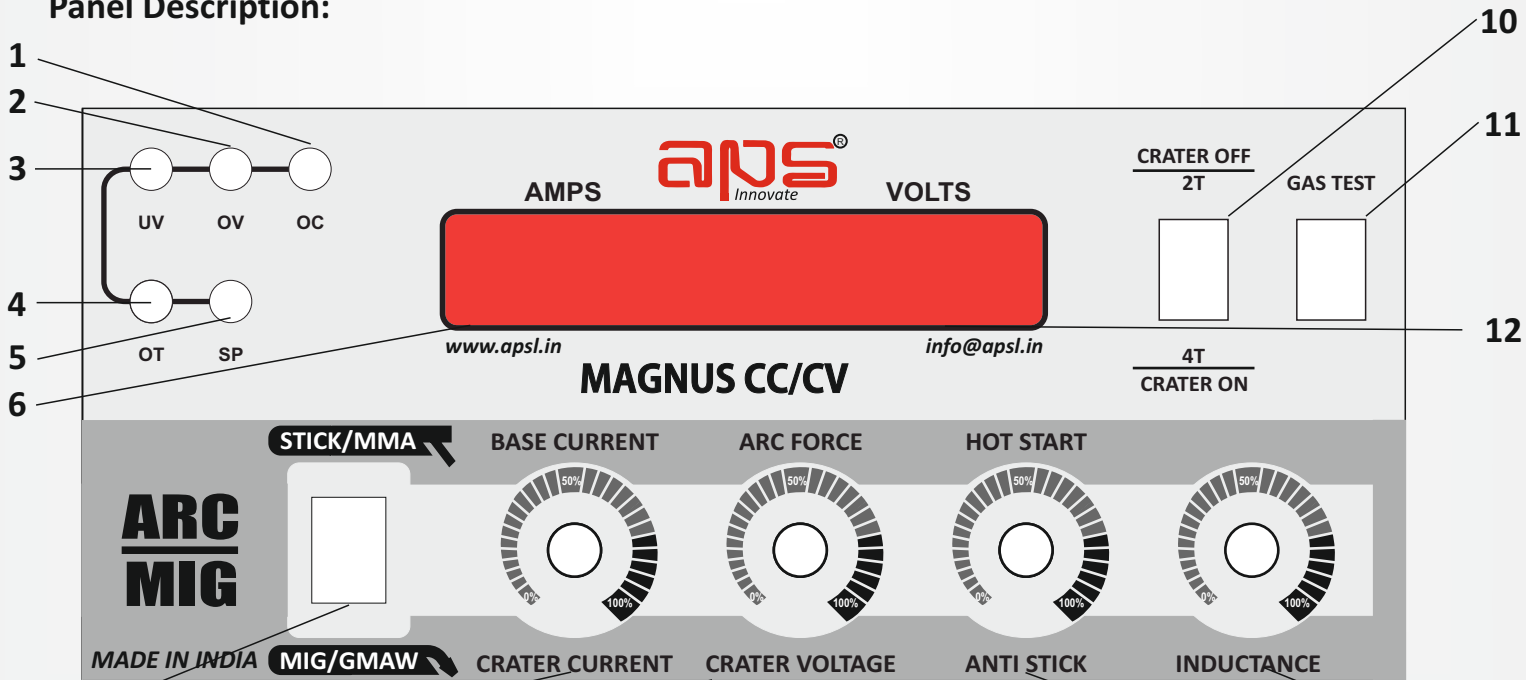
Registered Office:

No. 306, Sagar Industrial Estate, Near Toll Naka, Dahisar(E),  
Mumbai, Maharashtra - 400 068. INDIA. Ph: 9601444222  
CIN: U74990MH2009PLC195896

Manufacturing Facility:

Survey no. 172/1, Paikee 2, Old GIDC, Gundlav, Valsad,  
Gujarat - 396035 .INDIA. Ph: 9601444111  
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## Panel Description:



- |  |   |
|--|---|
| <p>7 - MIG / GMAW or STICK MMA Welding Switch</p> <p>8 - Crater Current Adjustment Knob [ CV Mode ]<br/>Base Current Adjustment Knob [ CC Mode ]</p> | <p>9 - Crater Voltage Adjustment Knob [ CV Mode ]<br/>Arc Force Adjustment Knob [ CC Mode ]</p> <p>10 - Switch is used to vary either 2T or 4T Operation and also indicates crater feature to be active only in 4T mode. [ CV Mode ]</p> <p>11 - Gas Test Switch</p> <p>12 - Voltmeter</p> <p>13 - Anti Stick Variation Knob [ CV Mode ]<br/>Hot Start Variation Knob [ CC Mode ]</p> <p>14 - Inductance Variation Knob [ CV Mode ]</p> |
|--|---|

- **Excellent Arc characteristic over entire range.**
- **Stepless Voltage selection.**
- **Digital Ammeter and Voltmeter.**
- **Forced Air cooling for longer unit life.**
- **Class H insulation.**

AUTHORISED DEALER

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