

# 1 PHASE MMA INVERTER WELDING MACHINE

**STANDARD ACCESSORIES**



**MAIN Features :-**

**\* FULL Bridge IGBT design to increase reliability**

**\* Microprocessor Fault Detection**

- \* Compact and Portable designed with inverter technology.
- \* Suitable for tradesman, panel beaters, sign writers, refrigeration works etc.
- \* Easy starting and excellent arc characteristics with Stainless Steel, Bronze, Aluminium and Cast Iron up to 5.0mm electrodes.
- \* Well insulated transformer coil to ensure a wide safety against accidentals or overloading.
- \* Features the most unique "OUTPUT OVERLOAD PROTECTION"  
 In the event of electrode or electrode holder permanently shorted to work piece, the machine will automatically shuts down and the inbuilt micro-processor will continue to monitor the situation until the short circuit condition is removed. Hence, the machine will return to its normal operation mode.

**Technical Data :-**

Model		<b>WD-148i</b>	<b>WD-188i +</b>	<b>WD-222i</b>
Product Code		K202/322	K202/370	K202/366
Maximum Current	A	140	180	220
Input Voltage	V	180 ~ 250	180 ~ 250	180 ~ 250
Input Phase	P	1	1	1
Input Frequency	Hz	50	50	50
Input Power	KVA	4.5	7.5	9.0
No-Load Voltage	V	70	75	75
Output Load Voltage	V	25	27	29
Output Load Current	A	20 ~ 140	20 ~ 180	20 ~ 220
Duty Cycle	%	60	80	60
Electrode Size (Mild Steel)	mm	2.0 ~ 3.2	2.0 ~ 4.0	2.0 ~ 5.0
Case Dimension (HxLxW)	mm	320 X 135 X 220	430 X 160 X 260	430 X 160 X 260
Weight	kg	8.0	13.0	14.0