



STRATA

SUPERIOR WELDING PRODUCTS



ADVANCEARC 165

160A PFC INVERTER MMA / LIFT TIG WELDER

The ADVANCEARC Series of MMA (Stick) welders offer the latest IGBT and PFC (Power Factor Correction) technology for smart operators. Increased reliability and performance for harsh and demanding conditions. Equipped with multi-voltage technology, giving you piece of mind when operating on generators or long extension cords.

- IGBT Inverter technology for smooth & stable welding output
- Active PFC technology for increased duty cycle and energy efficiency
- Increased safety with MMA VRD protection mode
- Will operate with wide range of input voltage, including long extension leads
- Industrial IP23 casing with front panel protection resists damage, moisture and corrosion
- Microprocessor control system with superior and dynamic arc characteristics
- Lightweight & compact design for portable applications
- Extreme stress tested in production up to 440V, ensuring rugged reliability
- Adjustable arc force and hot start enable good control and ease of use when MMA welding
- Lift TIG welding operation for precision in aesthetically important welding jobs (torch optional)
- Accurate pre-setting and feedback of welding parameters & output with digital current display meter
- Durable and reliable with high quality & over specified electronic components
- Intelligent protection system with temperature, voltage and current sensors for increased reliability and safety
- Designed to work with generator power supply with protection from power surges
- Multi PCB construction is economical to service and repair compared to single PCB design
- Accessories include 4m MMA lead with heavy duty twist lock electrode holder and 3m earth lead with heavy duty earth clamp.



230V 50HZ
SINGLE
PHASE



IGBT
INVERTER
TECHNOLOGY



DIRECT
CURRENT
OUTPUT



SPIKE/
GENERATOR
SAFE



VOLTAGE
REDUCTION
DEVICE



CONSTANT
CURRENT



INTELLIGENT
PROTECTION
SYSTEM



IP23 CORROSION
& SALT SPRAY
RESISTANT



LIFT TIG
(OPTIONAL
TORCH)



POWER FACTOR
CORRECTION



MULTI VOLTAGE
110 - 230V



10A PLUG

DIMENSIONS (LxWxH)	WEIGHT	INPUT POWER SUPPLY	INPUT POWER SUPPLY TOLERANCE	MAXIMUM INPUT CURRENT	GENERATOR CAPACITY	MMA CURRENT OUTPUT	MMA O/C VOLTAGE	MMA DUTY CYCLE	LIFT TIG CURRENT OUTPUT	LIFT TIG DUTY CYCLE	INSULATION CLASS
390 x 146 x 278mm	6.1kg	230V AC 10A 50/60Hz	90 - 275V AC	22.9A	6kVA	10 - 160A	65V/14.5V Limited	160A@20% 135A@60% 105A@100%	10 - 160A	160A@40% 135A@60% 105A@100%	IP23

MMA ROD SIZE	POWER EFFICIENCY	POWER FACTOR	STANDARDS	WARRANTY
1.6 - 4.0mm	85%	0.99	EN60974-1: 2012	36 months



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MMA (STICK) WELDING ACCESSORIES & CONSUMABLES

○ Standard ● Optional

ACCESSORY:	EZIARC 165	EZIARC 205	ADVANCEARC 165	ADVANCEARC 205
Arc Leads	○ AAL1625	○ AAL1625	○ AAL3550	○ AAL3550
Earth Leads	○ AEL1625	○ AEL1625	○ AEL3550	○ AEL3550
TIG Torch	● TWP17V-12-2D	● TWP17V-12-2D	● TWP26V-12-2D	● TWP26V-12-2D
Argon Regulator	● WT-GR101AR	● WT-GR101AR	● WT-GR101AR	● WT-GR101AR
TIG Consumables Kit	● DCKIT	● DCKIT	● DCKIT	● DCKIT



WT-AWG01



WT-AWG02



WT-TWG20

Flip Front Welding Helmet

WT150	Flip Front Helmet (MIG/MMA)
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SV3000



SV4000



DW7000XL comes with battery powered air respirator.

Automatic Welding Helmets

- Variable Shade • Complete with batteries ready to go
- Suitable for automotive DIY and industrial use.

SV3000	Auto Welding Helmet, Shade 5 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
SV4000	Auto Welding Helmet, Shade 4 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
DW7000XL	Auto Welding Helmet, Shade 5 - 13 + PRSL Filtration System (MIG/TIG/MMA/Plasma)

Black/Gold Welders Gloves

- Fully lined • One piece back • Special "comfort fit".

WT-AWG01	Black/Gold Gloves - Pair
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Red/Black Premium Welders Gloves

- Fully lined • Premium quality leather
- Reinforced palm • Special "comfort fit".

WT-AWG02	Red/Gold Gloves - Pair
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TIG Welders Gloves

- Specially designed for TIG welding
- Fine, hardwearing quality leather.

WT-TWG20	TIG Welding Gloves - Pair
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Welding Magnets

WT-WMG03	3" Welding Magnet
WT-WMG05	5" Welding Magnet



Chipping Hammer

- Heavy duty chipping hammer for the trade

WT-SPCH	Spring Handle Chipping Hammer
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MMA Welding Electrodes

HYU21675	2.6mm 6013 General Purpose Electrodes - 5kg
HYU21676	3.2mm 6013 General Purpose Electrodes - 5kg
HYU21677	2.6mm 7018 Low Hydrogen Electrodes - 5kg
HYU21678	3.2mm 7018 Low Hydrogen Electrodes - 5kg