



**STRATA**  
SUPERIOR WELDING PRODUCTS

ARC 160A  
TIG  
**ADVANCEARC160i**



  
**160A**  
Max Output (ARC)

  
**4.0mm**  
Max Electrode Size

  
**10A**  
230V

## 160A DC ARC/Lift TIG PFC Inverter Welder

- ✓ **Multi Voltage Input** - Will operate with wide range of input voltage, including with long extension lead
- ✓ **Lightweight & Compact Design** - Ideal for portable applications
- ✓ **VRD Protection Mode** - Increased Safety
- ✓ **Active PFC Technology** - Increased duty cycle and energy efficiency. Can be safely used with long extension lead
- ✓ **Adjustable Arc Force & Hot Start** - Greater control and ease of use for ARC welding
- ✓ **Production tested with 440V** - Extreme stress testing in production for rugged reliability
- ✓ **IGBT Inverter Technology** - Smooth & stable welding output, increased reliability
- ✓ **Industrial IP23 casing with front panel protection** - Resistant to damage, moisture and corrosion
- ✓ **Microprocessor Control System** - Superior & Dynamic Arc Characteristics
- ✓ **Lift TIG Welding Operation** - Precision and aesthetically important welding jobs
- ✓ **Digital Current Display Meter** - Accurate pre setting and feedback of welding parameters & output.
- ✓ **High Quality & Over-Specified Electronic Components** - Durability & Reliability
- ✓ **Intelligent Protection System** - Temperature, voltage and current sensors for increased reliability & safety
- ✓ **Generator Friendly** - Designed to work with generator power supply and protect from power surges (6.5kVA)



Description	Details
DIMENSIONS (LxWxH)	390 x 146 x 278mm
WEIGHT	4.5kg
INPUT POWER SUPPLY	230V AC 10A 50/60Hz
INPUT POWER SUPPLY TOLERANCE	200-260V
MAXIMUM INPUT CURRENT	22.9A
GENERATOR CAPACITY	6.5kVA
MMA CURRENT OUTPUT	10A-160A
MMA O/C VOLTAGE	65V/14.5V (Limited)
MMA DUTY CYCLE	160A@20% 135A@60% 105A@100%
LIFT TIG CURRENT OUTPUT	10-160A
LIFT TIG DUTY CYCLE	160A@35% 135A@60% 105A@100%

Description	Details
INSULATION CLASS	IP23
MMA ROD SIZE	1.6 - 4.0mm
POWER EFFICIENCY	85%
POWER FACTOR	0.99
STANDARDS	AS/ IEC60974-1:2012
WARRANTY	48 Months

### Includes:



### Optional:



ADVANCEARC160i  
User guide, specs, videos

LEARN MORE

[www.strata.co.nz](http://www.strata.co.nz)



## ARC WELDING ACCESSORIES & CONSUMABLES

○ Standard ● Optional

ACCESSORY:	EZIARC140i	EZIARC160i	EZIARC200i	ADVANCEARC160i	ADVANCEARC200i
Arc Leads	○ AAL1625	○ AAL1625	○ AAL1625	○ AAL3550	○ AAL3550
Earth Leads	○ AEL1625	○ AEL1625	○ AEL1625	○ AEL3550	○ AEL3550
TIG Torch	● TWP17V-12-2D	● TWP17V-12-2D	● TWP17V-12-2D	● TWP26V-12-2D	● TW26V-12-2D
Argon Regulator	● GR105AR	● GR102ARFL	● GR102ARFL	● GR102ARFL	● GR102ARFL
TIG Consumables Kit	● DCKIT	● DCKIT	● DCKIT	● DCKIT	● DCKIT

### Flip Front Welding Helmet

<b>WT150</b>	Flip Front Helmet (MIG/MMA)
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### Automatic Welding Helmets

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

<b>WT180</b>	Variable Shade 9-13
<b>WT350</b>	True Colour, 4 Sensor with grind function
<b>SV3000</b>	True Colour, Shade 5 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
<b>SV4000</b>	Panoramic view with auto darkening side panels, Shade 4 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
<b>DW7000XL</b>	True Colour, with grinding visor. Shade 5 - 13 + PRSL Filtration System (MIG/TIG/MMA/Plasma)



WT180



WT350



SV3000



SV4000



DW7000XL comes with battery powered air respirator.



WT-AWG01



WT-AWG02



WT-TWG20

### Premium Welding Gloves

- ✓ Fully lined
- ✓ Quality Hard-Wearing Leather
- ✓ One piece back
- ✓ Special "comfort fit".

<b>WT-AWG01</b>	Black/Gold Gloves - Pair
<b>WT-AWG02</b>	Red/Gold Gloves - Pair
<b>WT-TWG20</b>	TIG Welding Gloves - Pair

### Welding Magnets

<b>WT-WMG03</b>	3" Welding Magnet
<b>WT-WMG05</b>	5" Welding Magnet



### Chipping Hammer

- ✓ Heavy duty chipping hammer for the trade

<b>WT-SPCH</b>	Spring Handle Chipping Hammer
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### ARC Welding Electrodes - 1KG

<b>WEL1KG-16</b>	1.6mm E6013 GP Electrodes
<b>WEL1KG-20</b>	2.0mm E6013 GP Electrodes
<b>WEL1KG-25</b>	2.5mm E6013 GP Electrodes
<b>WEL1KG-32</b>	3.2mm E6013 GP Electrodes
<b>WEL316-25</b>	2.5mm 316L S/S Electrodes
<b>WEL316-32</b>	3.2mm 316L S/S Electrodes
<b>WEL312-25</b>	2.5mm 312 Weld-All Electrodes
<b>WEL312-32</b>	3.2mm 312 Weld-All Electrodes
<b>WELCi-25</b>	2.5mm Cast Iron NiFe Electrodes
<b>WELCi-32</b>	3.2mm Cast Iron NiFe Electrodes
<b>WEL7018-32</b>	3.2mm 7018 Low Hydrogen Electrodes
<b>WELHF-32</b>	3.2mm HF600 Hard Facing Electrodes

