



STRATA

SUPERIOR WELDING PRODUCTS



ADVANCETIG 205ACDC



200A AC/DC PFC INVERTER TIG / MMA WELDER

Featuring the latest IGBT and active PFC technology the ADVANCETIG 205AC/DC is reliable, easy to use and energy efficient. Designed tough with IP23 and high quality, overspecified components - this machine is made for rugged NZ workshops and onsite tasks.

- IGBT inverter technology for smooth & stable welding output and increased reliability
- Increased duty cycle and energy efficiency with active PFC technology
- Multi voltage input - will operate with wide range of input voltage, can even be used with long extension leads
- Industrial IP23 casing with front panel protection resists damage, moisture and corrosion
- Microprocessor control system for superior and dynamic arc characteristics
- Lightweight & compact design, ideal for portable applications
- Extreme stress tested in production up to 440V, ensuring rugged reliability
- Lift TIG and HF start modes gives versatility when welding around sensitive electronic equipment
- Electronic HF TIG arc ignition system, contamination free and easy arc starting with low EMF interference
- 2T/4T multi-level trigger control modes
- Dual digital display meters for accurate pre-setting and feedback of welding parameters and output
- 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
- All remote functions connect through single plug 12 pin connection
- Quick connect inlet gas fitting
- Accessories include 3m earth lead with heavy duty earth clamp, 4m MMA lead with heavy duty twist lock electrode holder, Strata Professional PRO-GRIP26 25ft TIG torch with thumbwheel remote control, 2 stage flowmeter, argon gas regulator, 4m gas hose, gas inlet quick connector and hose clamps.



ALTERNATING/
DIRECT
CURRENT



CORROSION
RESISTANT



SPIKE/
GENERATOR
SAFE



IGBT
INVERTER
TECHNOLOGY



INTELLIGENT
PROTECTION
SYSTEM



230V 50HZ
SINGLE
PHASE



15 AMP
PLUG

DIMENSIONS (LxWxH)	WEIGHT	INPUT POWER SUPPLY	INPUT POWER SUPPLY TOLERANCE	MAXIMUM INPUT CURRENT	GENERATOR CAPACITY	MMA, AC/DC TIG CURRENT OUTPUT	MMA O/C VOLTAGE	MMA DUTY CYCLE	AC TIG DUTY CYCLE	DC TIG DUTY CYCLE	TIG UP SLOPE DOWN SLOPE ADJUSTMENT
492 x 189 x 350mm	15kg	230V AC 15A 50/60Hz	90 - 275V AC	32A	8kVA	5 - 200A	67V	200A@22% 140A@60% 110A@100%	200A@60% 155A@100%	200A@22% 140A@60%	0-10s

TIG GAS POST FLOW/PRE-FLOW ADJUSTMENT	TIG PULSE FREQUENCY	TIG PULSE WIDTH RANGE	AC TIG WAVEFORM	AC FREQUENCY ADJUSTMENT	INSULATION CLASS	POWER EFFICIENCY	POWER FACTOR	STANDARDS	MMA ROD SIZE	WARRANTY
0-2/0-10s	0.5 - 200Hz	5 - 95%	Square wave Sine Wave	50-250Hz	IP23	80%	0.99	EN60974-1: 2012	1.6 - 5.0mm	36 months



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TIG WELDING ACCESSORIES & CONSUMABLES

Standard Collets



CODE:	DESCRIPTION:
TC10N23	1.6mm Standard Collet
WT-TC10N24	2.4mm Standard Collet
TC10N25	3.2mm Standard Collet

Standard Collet Bodies



TCB10N31	1.6mm Standard Collet Body
WT-TCB10N32	2.4mm Standard Collet Body
TCB10N28	3.2mm Standard Collet Body

Standard Ceramic Cups



TCC10N46	1/2" Standard Ceramic Cup
TCC10N47	7/16" Standard Ceramic Cup
TCC10N48	3/8" Standard Ceramic Cup

Mild Steel TIG Rods



- ER70S-6 Grade.

WT-TR16MS-70S-6	1.6mm x 1m Mild Steel TIG Rods
TR24MS-70S-6	2.4mm x 1m Mild Steel TIG Rods
TR32MS-70S-6	3.2mm x 1m Mild Steel TIG Rods

Aluminium TIG Rods



- 5356 Grade

TR16AL-5356	1.6mm x 1m Aluminium TIG Rods
WT-TR24AL-5356	2.4mm x 1m Aluminium TIG Rods
TR32AL-5356	3.2mm x 1m Aluminium TIG Rods

Stainless Steel TIG Rods



- 316 Grade.

WT-TR16SS-316	1.6mm x 1m Stainless Steel TIG Rods
TR24SS-316	2.4mm x 1m Stainless Steel TIG Rods
TR32SS-316	3.2mm x 1m Stainless Steel TIG Rods

Industrial Welding Trolley



- Suitable for ADVANCETIG 205ACDC/325 and water cooling unit or industrial storage unit
- Super duty wheels and castors
- Includes gas bottle chains and takes 'G' size gas bottles.

22108	Industrial Welding Trolley - V2
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Compact Welding Trolley



- Capable of holding 'G' size gas bottles.

17384	Industrial Welding Trolley
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○ Standard ● Optional

ACCESSORY:	EZITIG 205DC	EZITIG 205AC/DC	ADVANCETIG 205AC/DC	ADVANCETIG 320AC/DC
Arc Leads 	○ AAL3550	○ AAL3550	○ AAL3550	○ 17478
Earth Leads 	○ AEL3550	○ AEL3550	○ AEL3550	○ 17479
TIG Torch 	○ TER26-12-SSW	○ TER26-12-SSW	○ 17371	○ 17372
TIG Starter Kit 	● DCKIT	● ACDCKIT	● ACDCKIT	● ACDCKIT
Foot Pedal (Electric) 	● 31088	● 31088	● 31088	● 31088

Tungsten Electrodes



- Zirconiated for use on aluminium
- Thoriated for use on stainless and mild steel

TT16-150	1.6mm x 150mm Thoriated Tungsten Electrodes
WT-TT24-150	2.4mm x 150mm Thoriated Tungsten Electrodes
TT32-150	3.2mm x 150mm Thoriated Tungsten Electrodes
TZ16-150	1.6mm x 150mm Zirconiated Tungsten Electrodes
WT-TZ24-150	2.4mm x 150mm Zirconiated Tungsten Electrodes
TZ32-150	3.2mm x 150mm Zirconiated Tungsten Electrodes

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

Water Coolers

- Suitable for ADVANCETIG machines with a water cooled torch set up (not incl.)
- Induction motor with safety pressure switch.

22109	Industrial Integrated Water Cooler 400W w/ Connection Cable
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Industrial Storage Unit

- Fits in industrial welding trolley (#22108)
- 620 x 420 x 290mm
- Convenient storage for welding wire, electrodes, gloves and welding accessories.

22115	Industrial Storage Unit - V2
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