

# STRATA SUPERIOR WELDING PRODUCTS

# **ADVANCETIG205ACDC**



# **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 wiill 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 megters 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.

	B	W	IGBT INVERTER TECHNOLOGY		<u>1</u> рн 230V	<b>6</b> 15^
ALTERNATING/ DIRECT CURRENT	CORROSION RESISTANT	SPIKE/ Generator Safe	IGBT INVERTER TECHNOLOGY	INTELLIGENT PROTECTION SYSTEM	230V 50HZ SINGLE PHASE	15 AMP PLUG

DIMENSIONS (LxWxH)	WEI	GHT	input i Sup		INPUT F Sup Toler	PLY	MAXI INPUT C		GENEF Capa		MMA, AO Curi Out		mma Volt		MMA Cyc			A DUTY Cle	DC TIG CYC		TIG UP SLO Down Slo Adjustme
492 x 189 x 350mm	15	kg	230V A 50/6	AC 15A ioHz	90 - 27	5V AC	32	2A	8k'	VA	5 - 2	00A	67	V		@22% @60% @100%		@60% @100%	200A@ 140A@	22% 60%	0-10s
FLOW/PI	s Post Re-Flow Tment	TIG P Frequ		TIG P WIDTH		AC WAVE		a Frequ Adjus	JENCY	INSUL CL	ATION ASS	POV EFFIC		POW FACT		STAND	ARDS	MM ROD S		WARR	ANTY
0-2/0	D-10s	0.5 - 2	200Hz	5 - 9	95%	Square Sine \		50-2	50Hz	IP	23	80	%	0.9	99	EN609 20		1.6 - 5	i.0mm	36 mo	nths

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## TIG WELDING ACCESSORIES & CONSUMABLES

#### **Standard Collets**

CODE: D	ESCRIPTION:
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

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

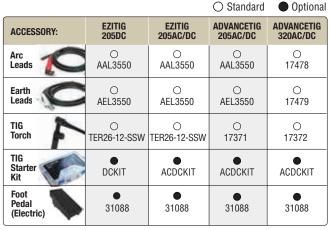
#### **Industrial Welding Trolley**

- 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

#### **Compact Welding Trolley**

- · Capable of holding 'G' size gas bottles.
- 17384 Industrial Welding Trolley



#### **Tungsten Electrodes**

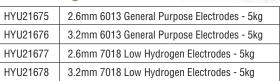


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- Zirconiated for use on aluminium
- Thoriated for use on stainless and mild steel

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**



#### **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 400V	-
	w/ Connection Cable	

#### **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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rd Optional