



STRATA

SUPERIOR WELDING PRODUCTS



ADVANCETIG 320ACDC



320A INVERTER AC/DC HF PULSE TIG / MMA WELDER

The ADVANCETIG Series are at the top of their class featuring state-of-the-art IGBT technology. Results speak for themselves, achieved with top level features such as adjustable arc force, AC wave and a program saving function. Designed tough to last in rugged NZ workshops and onsite tasks.

- IGBT module inverter technology for smooth & stable output, increased reliability and high duty cycle
- Phase loss protection for automatic shut down if power supply phase loss occurs, to prevent damage
- Integrated heavy duty industrial trolley and optional water cooler
- Damage resistant industrial casing with front panel
- Microprocessor control system for superior & dynamic arc characteristics
- Lightweight & compact design ideal for portable applications
- Extreme stress testing to 550V in production for rugged reliability
- Adjustable arc force, hot start & automatic anti stick control for greater control and ease of use for MMA welding
- Lift TIG and HF start modes for versatility when welding around sensitive electronic equipment
- Electronic HF TIG arc ignition system for contamination free and easy arc starting with low EMF interference
- 2T/4T trigger control modes
- Dual digital display meters for accurate pre setting and feedback of welding parameters & output.
- High quality & over specified electronic components for durability & reliability
- Digital up/ down button remote control and wireless optional foot pedal
- Easy quick connect inlet gas fitting for changing gas bottles
- Includes 5m earth lead set (17478), 5m ARC lead set (17479), 8m Variable Amp Tig Torch (17372), Regulator with Twin Flowmeter, and 4m gas hose.

RECOMMENDED PACKAGE includes:
WATER COOLER, TORCH
+ INDUSTRIAL TROLLEY
(#17819)

POWER SOURCE & TORCH ONLY
(#17398)



DIMENSIONS:	WEIGHT:	INPUT POWER SUPPLY:	MAX. INPUT CURRENT:	GENERATOR CAPACITY:	CURRENT OUTPUT:	AC FREQ ADJ:	DUTY CYCLE MMA+DC TIG / AC TIG	TIG PULSE FREQUENCY:	AC TIG WAVEFORM	STANDARDS:	MMA ELECTRODE SIZE	MAX WELD THICKNESS:
550 x 240 x 445mm	25kg	400V AC 50Hz	25A	17.3KVA	10 - 320A	50-250Hz	60% @ 320A	0.5-900Hz	Square, Sine Triangular	EN60974-1:2012	≤5mm	12mm +



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MULTI-PROCESS 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	○ 17479
Earth Leads 	○ AEL3550	○ AEL3550	○ AEL3550	○ 17478
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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