



STRATA

SUPERIOR WELDING PRODUCTS

• ADVANCETIG 320AC/DC •

MULTI-PROCESS TIG 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.



ADVANCETIG 320AC/DC

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

POWER SOURCE
& TORCH
ONLY
(#17398)



400V 50HZ
THREE PHASE



IGBT
INVERTER
TECHNOLOGY



ALTERNATING
/DIRECT
CURRENT



CONSTANT
CURRENT



HF START
TIG



SPIKE/
GENERATOR
SAFE



PULSE
WELDING
OUTPUT



IP23 CORROSION
& SALT SPRAY
RESISTANT



LIFT TIG



WATER COOLER

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:	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	12mm +

* 36 Month Warranty only with online registration of product - www.strata.co.nz

MULTI-PROCESS TIG WELDING ACCESSORIES & CONSUMABLES

Standard Collets

CODE:	DESCRIPTION:
TCB10N23	1.6mm Standard Collet
TCB10N24	2.4mm Standard Collet
TCB10N25	3.2mm Standard Collet

Standard Collet Bodies

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

Standard Ceramic Cups

TCC1046	1/2" Standard Ceramic Cup
TCC10N47	7/16" Standard Ceramic Cup
TCC10N48	3/8" Standard Ceramic Cup

Mild Steel TIG Rods

- ER70S-6 Grade.

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

Stainless Steel TIG Rods

- 316 Grade.

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 200 / 320 and water cooling unit or industrial storage unit
- Super duty wheels and castors
- Includes gas bottle chains and takes 'G' size gas bottles.

17386	Industrial Welding Trolley
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Compact Welding Trolley

- Suitable for ADVANCETIG 200AC/DC,
- Capable of holding 'G' size gas bottles.

17384	Industrial Welding Trolley
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○ Standard ● Optional

ACCESSORY:	EZITIG 180	ADVANCETIG 200	ADVANCETIG 200AC/DC	ADVANCETIG 320AC/DC
Arc Leads 	○ AAL3550	○ AAL3550	○ AAL3550	○ 17849
Earth Leads 	○ AEL3550	○ AEL3550	○ AEL3550	○ 17848
TIG Torch 	○ 17370	○ 17371	○ 17371	○ 17372
TIG Starter Kit 	● DCKIT	● DCKIT	● ACDCKIT	● ACDCKIT
Foot Pedal (Electric) 	-	● 17401	● 17401	● 17401
Foot Pedal (Wireless) 	-	● 17399	● 17399	● 17399

Tungsten Electrodes

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

TT16-150	1.6mm x 150mm Thoriated Tungsten Electrodes
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
TZ24-150	2.4mm x 150mm Zirconiated Tungsten Electrodes
TZ32-150	3.2mm x 150mm Zirconiated Tungsten Electrodes

MMA Welding Electrodes

ETCPH48 25/32/40/50	OVERCORD R92 General Purpose Electrodes
ETCPH68 25/32/40/50	OVERCORD General Purpose Electrodes
ETCPH45 25/32/40/50	SUPERCORD 45 General Purpose Electrodes
ETCPH56S 25/32/40/50	TENAX 56S Low Hydrogen Electrodes
ETCPH77 25/32/40/50	SUPERCITO Low Hydrogen Electrodes

Water Coolers

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

17403	230V Water Cooler
17390	400V Water Cooler

Industrial Storage Unit

- Fits in industrial welding trolley (#17386)
- 620 x 420 x 290mm
- Convenient storage for welding wire, electrodes, gloves and welding accessories.

17387	Industrial Storage Unit
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