

# 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.



400V 50HZ THREE PHASE



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**ADVANCETIG 320AC/DC** 

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 +

POWER SOURCE

& TORCH

ONLY

(#17398)

RECOMMENDED PACKAGE

includes

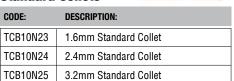
WATER COOLER, TORCH

+ INDUSTRIAL TROLLEY

<sup>\* 36</sup> Month Warranty only with online registration of product - www.strata.co.nz

# MULTI-PROCESS TIG WELDING ACCESSORIES & CONSUMABLES

#### **Standard Collets**



#### **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
17300	I IIIuusiilai welulliy IIolley

#### **Compact Welding Trolley**

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

17384	Industrial Welding Trolley
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Optional

ACCESSORY:	EZITIG	ADVANCETIG	ADVANCETIG	ADVANCETIG
	180	200	200AC/DC	320AC/DC
Arc	O	O	O	○
Leads	AAL3550	AAL3550	AAL3550	17849
Earth	O	O	O	O
Leads	AEL3550	AEL3550	AEL3550	17848
TIG	O	O	O	O
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.



