



# STRATA

SUPERIOR WELDING PRODUCTS



## • EZITIG 205AC/DC •

### INVERTER TIG WELDER

The EZITIG 205AC/DC is a powerful highly portable, easy to use machine. Extreme stress tested to 440V with IP23 protection, the EZITIG 205AC/DC is built to last in the harshest NZ work environments.



- IGBT inverter technology for smooth & stable welding output and increased reliability
- 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
- Great control and easy to use MMA welding with adjustable arc force, hot start and auto anti-stick control
- 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
- Spot welding function with 2T/4T trigger control
- 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
- Potentiometer torch/ foot pedal remote control with finger tip remote control (Optional)
- 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 PRO26 12ft TIG torch with composite machine connection, 2 stage flowmeter, argon gas regulator, 4m gas hose, gas inlet quick connector and hose clamps.



DIRECT CURRENT



CONSTANT CURRENT/VOLTAGE



CORROSION RESISTANT



SPIKE/GENERATOR SAFE



IGBT INVERTER TECHNOLOGY



INTELLIGENT PROTECTION SYSTEM



230V 50HZ SINGLE PHASE

#### EZITIG 205AC/DC

DIMENSIONS (LxWxH)	WEIGHT	INPUT POWER SUPPLY	INPUT POWER SUPPLY TOLERANCE	MAXIMUM INPUT CURRENT	GENERATOR CAPACITY	MMA CURRENT OUTPUT	MMA O/C VOLTAGE	MMA DUTY CYCLE	TIG CURRENT OUTPUT	AC TIG DUTY CYCLE	DC TIG DUTY CYCLE
455 x 305 x 145mm	8.5kg	230V AC 15A 50/60Hz	±15%V	32A	10kVA	10 - 170A	52V	170A@14% 140A@60% 110A@100%	10-200A	200A@24% 155A@60% 120A@100%	170A@29% 140A@60% 110A@100%
TIG UP SLOPE DOWN SLOPE ADJUSTMENT	TIG GAS POST FLOW/PRE-FLOW ADJUSTMENT	TIG PULSE FREQUENCY	TIG PULSE WIDTH RANGE	AC TIG WAVEFORM	AC FREQUENCY	INSULATION CLASS	POWER EFFICIENCY	POWER FACTOR	STANDARDS	MMA ROD SIZE	WARRANTY
0-10s	0-2/0-10s	0.5 - 200Hz	5 - 95%	Square wave	60Hz	IP23	85%	0.7	EN60974-1: 2012	1.6 - 4.0mm	24 months* with registration

\* 24 Month Warranty only with online registration of product - [www.strata.co.nz](http://www.strata.co.nz)

# 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
TCC1047	7/16" Standard Ceramic Cup
TCC1048	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 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 325AC/DC
Arc Leads	○ AAL3550	○ AAL3550	○ AAL3550	○ 17849
Earth Leads	○ AEL3550	○ AEL3550	○ AEL3550	○ 17848
TIG Torch	○ PRO26	○ PRO26	○ PRO26	○ PRO18
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

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.

24331	Water Cooler Unit 400V 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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