



# CITOTIG 315 AC/DC

The TIG AC/DC  
for superior performance !

WARRANTY

**3**  
YEARS

## ADVANCED TECHNOLOGY MADE SIMPLE

### CITOTIG 315 AC/DC

is an industrial AC/DC TIG welding machine designed and manufactured using the latest inverter digital technology. This machine has been designed and built to perform in the most hazardous environments at high outputs: 300A at 35% duty cycle both in TIG AC and TIG DC application. The controller provides all the features you would expect from industrial AC/DC TIG inverter welding machines combined with a user-friendly front panel layout, setting advanced TIG parameters has never been so simple!

The top class features like the 2A minimum current, the multiple AC mode selection (including four different wave shapes), the optimized TIG start with adjustable electrode type and HF polarity, makes the unit the right choice to suit any application. It can be simply changed to water-cooled by adding the COOLERTIG 4 water cooler. A robust, stable and well equipped cart is available for easy movement of the unit.



**TIG DC, TIG AC,  
TIG LIFT, TIG HF,  
TIG PULSE**

Output



Input



### Advantages

- › Rugged construction electrical safety (IP23)
- › Full function user-friendly control panel
- › Water Coolers and Cart available

### Benefits

- › Ideal for the harshest environmental conditions.
- › Easy to set all welding parameters
- › Easy transportation on the welding sites

# CITOTIG 315 AC/DC



## Features

- Advanced inverter technology for superior TIG performance
- Superb welding characteristics with TIG AC, TIG DC and MMA processes
- Adjustable cleaning and penetration for perfect aluminium welding
- Variable AC frequency (40-400Hz) for control of travel speed and penetration
- Full function user-friendly control panel layout with graph and a numeric display make it easy to set all welding parameters
- PFC (Power Factor Correction) advantages 30% more output current with the same input current
- Water Cooler and Cart available

## Front panel



- ① Polarity setting
- ② Process setting
- ③ Trigger mode
- ④ AC mode
- ⑤ Meters (Volt/Amp)
- ⑥ Memory
- ⑦ Current Control
- ⑧ Advanced functions

## Applications

### Heavy outdoor & indoor applications

- ✓ Aerospace
- ✓ Motorsports
- ✓ Shipbuilding
- ✓ Education
- ✓ Fabrication

## Technical characteristics

Primary Voltage (50-60Hz)	230/400V/3Ph
Current Range (A)	2-300
Duty cycle at 40 °C	300A/22V/35% 200A/18V/100%
Fuse size (A)	32/20A
Weight (kg)	42
Dimensions H x W x D (mm)	545 x 290 X 660
Protection	IP23

## To order

Designation	Item Number
<b>CITOTIG 315 AC/DC</b>	W000403604
KIT 25C50 3m	W000260684
KIT 35C50 4m	W000011139
KIT 50C50 4m	W000260681
PROTIG IIIS 35W RL C5B-S 5M	W000382725-2
PROTIG NGS 35W EB C5B - 5M	W000278404-2
PROTIG IIIS 40 RL C5B-S - 5M	W000382721-2
PROTIG NGS 40 EB C5B - 5M	W000278400-2
COOLERTIG 4	W000403941
CART 4	W000404146
REMOTE CONTROL 15m	K14147-1
EXTENSION FOR REMOTE CONTROL 15m	K14148-1
FOOT AMPCTRL	K870



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