



CITOTIG 315DC & 415DC

Industrial TIG welders
for tough conditions

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CITOTIG 315DC & 415DC

have been manufactured in a light-weight but robust outer casing, making them portable and ideal for operation even in the most hazardous environments. These machines feature HF TIG ignition, Lift TIG ignition, 2 or 4 step, variable down slope, post-flow control, digital pre-set meters with hold functions and built-in variable Pulse. Unique pre-settable starting mode allows excellent HF arc start in any welding conditions. Both machines have been designed, not only as a TIG welder, but to also operate as a stick welder with a variety of popular stick electrodes including Cellulosic. They can be simply converted to a water-cooled unit by adding the COOLERTIG 3 (315) or COOLERTIG 4 (415). Robust, stable and well equipped, carts are available for easy movement of the units.

WARRANTY
3
YEARS



Processes
**STICK, LIFT TIG,
TIG HF, TIG PULSE**

Output



Input



Advantages

- › Lightweight but robust and rugged outer casing
- › Pulse, Pulse High Frequency, unique HF start mode setting, TIG Spot welding...
- › Water Coolers and Cart available

Benefits

- › Ideal for both indoor and outdoor applications.
- › Ideal for high quality welding on thin metal sheets, for process and food industry
- › Easy transportation on the welding site

CITOTIG 315DC & 415DC



Features

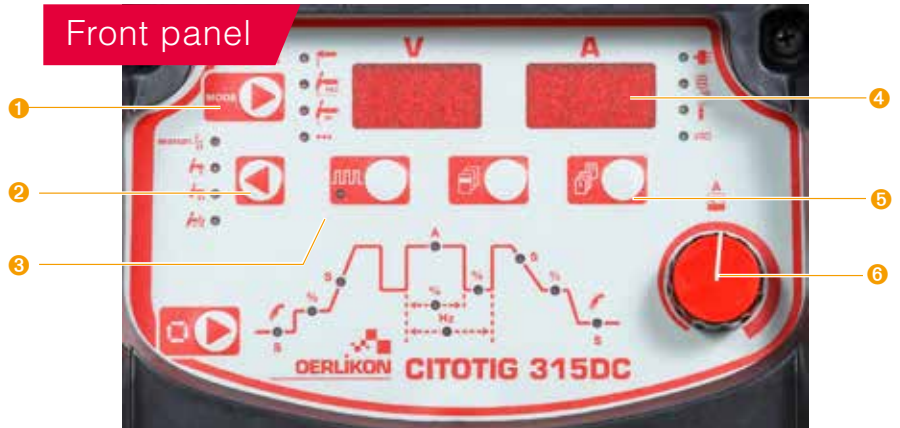
- Advanced inverter technology for superior TIG performance
- Full function user-friendly control panel layout with graph and a numeric display make it easy to set all welding parameters
- Rugged construction : electrical safety (IP23S), potted PC boards and optimum airflow reduce contamination to extend the equipments life in the harshest environmental conditions
- HF and Lift TIG ignition meeting all requirements
- Perfect TIG HF starting with pre-settable starting mode
- Complete TIG parameters setting : Pulse TIG with variable frequency that allows the welder to adjust the arc focus to suit the applications, 10 memory locations for personalized welding settings, TIG Spot welding
- Water Coolers and Carts available

Applications

Heavy outdoor & indoor applications

- ✓ Shipyard, Offshore
- ✓ Construction site
- ✓ Building, Structural steel
- ✓ Heavy maintenance
- ✓ Hardfacing
- ✓ Rental companies

Front panel



- ① Mode push button
- ② Trigger mode setting
- ③ Pulsing Mode Pushbutton
- ④ Digital Meter
- ⑤ Memory
- ⑥ Current Control

Technical characteristics

Product	CITOTIG 315DC	CITOTIG 415DC
Primary Voltage (50-60Hz)	400V/3Ph	
Current Range (A)	5-300	5-400
Duty cycle at 40 °C	300A/22V/40% 220A/18.8V/100%	400A/26V/35% 300A/22V/100%
Fuse size (A)	20	30
Weight (kg)	21	35
Dimensions H x W x D (mm)	404 x 240 X 533	464 x 290 x 660
Protection / Insulation Class	IP23 / S	

To order

Designation	Item Number
CITOTIG 315DC	W000403581
CITOTIG 415DC	W000403583
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 3 (315DC)	W000403940
COOLERTIG 4 (415DC)	W000403941
CART 3 (315DC)	W000404145
CART 4 (415DC)	W000404146
REMOTE CONTROL 15m	K10095-1-15M
FOOT REMOTE CONTROL	K870



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