

# Power i-TIG 200T

**GTAW-P/ SMAW**

## Proven, affordable performance is here.

It's hard to get around the fact that the Power i-TIG 200T is as powerful as it is given its small size. Yet, this amazing little inverter packs as much power as welders that are 10 times its weight and size. In fact it's so light that it can be carried under the arm with the attached sling to about anywhere it needs to go. Portability is definitely a huge part of its appeal.

The Infineon microprocessor has a lot to do with that, as well as the Fairchild IGBTs that powers the digitally managed inverter. This machine is by far the most technologically advanced DC TIG Everlast has offered to date.

The technological advancements found in this welder have not made it more complicated as you might expect. Rather it has simplified the design, reduced the number of parts needed, and improved overall reliability with a single, compact board design.

## FEATURES THAT MAKE SENSE.

### Features that have a purpose

- Dependable Fairchild IGBT components offer excellent performance and long service life.
- Infineon Microprocessor control provides precise digital control over welding functions.
- **NEW!** Solid state HF starting eliminates maintenance issues and improves starting.
- Standard DINSE 50 style power connectors for industry cross compatibility of torches and fittings.
- Easy to navigate panel reduces setup time without having to access hidden menus.
- **NEW!** Adjustable Stick parameters allow use with E 6010, E 7018 and other electrodes up to 1/8".
- 9 Programmable channels allow user to save favorite settings in TIG and Stick modes.
- **NEW!** Self diagnostic feature helps protect against unit and automatically diagnosis certain faults.
- Greatly simplified and componentized design improves reliability and serviceability.

### Features that perform

- Fully adjustable pulse up to 500Hz controls heat on stainless, chrome-moly and non-aluminum metals.
- Stick arc force control (DIG) reduces spatter and adjusts arc properties.
- Stick hot start features reduce sticking on start up.
- Lift start feature for operation in welding environments where HF use is restricted or unwanted.
- Use with the remote torch switch or items such as a torch amptrol or foot pedal.
- Fully adjustable Pre/Post flow, Start/End Amps, Up/Down Slope for complete arc control.

### Features that stand out

- Commercial 35% duty cycle in TIG mode operating on single phase 240V at maximum Amps.
- Digital display displays maximum preset amperage and changes to display actual output while welding.
- Welding package includes torches, and regulator.
- **NEW!** Low as 3 amp start for special applications.

## POWER SPECIFICATIONS

PROCESS: GTAW-P, SMAW  
 INPUT: 240V 1 Phase, 50/60Hz  
 TIG OUTPUT: DC: 3-200A/10.1-18V  
 DUTY CYCLE STICK: 35%@160A, 60%@125A, 100%@95A  
 TIG OCV: 80V

MAX CURRENT: 30A  
 DUTY CYCLE TIG: 60%@200A, 100%@160A  
 STICK OUTPUT: 5-160A, 20.2-26.4V  
 INVERTER TYPE: Fairchild IGBT  
 STICK OCV: 80V

DIMENSIONS: 7"Wx10"Lx14"H  
 WEIGHT: 20 lbs., unit only  
 PROTECTION CLASS: IP21S  
 INSULATION GRADE: F  
 VRD: NONE

**1-877-755-9353**

ORDER PUBLICATION: 20021 DEC. 2013

[everlastwelders.com](http://everlastwelders.com)

329 Littlefield Ave. South San Francisco, CA 94080

**Power i-TIG 200T****GTAW-P/ SMAW**12.5 ft Everlast 26 Series  
Air-Cooled TIG Torch300 Amp Work Clamp  
Cable Assembly 10ft.300 Amp Stick Electrode  
Holder 10ft.Everlast Argon/  
Argon/CO2 Regulator

Everlast Foot Pedal

TIG Consumable  
Starter Kit

Actual appearance and quantity of accessories may vary.

**Performance Specifications:**

DC Pulse Frequency	.1-500Hz
Pulse Time On Balance	5-100%
Pulse Amps Ratio	5-95%
Minimum DC Start	3 Amps
Preflow Time	0-25 Seconds
Postflow Time	0-25 Seconds
Up Slope Time	0-25 Seconds
Down Slope Time	0-25 Seconds
Start Amps	5A-200A
End amps	3A-200A
Stick Arc Force Control	0-100%
Stick Hot Start Time	0-2.5 Seconds
Stick Hot Start Intensity	0-100%
2T/4T Control	Yes
HF Start	Solid State
Lift Start	Yes
Memory	9 programs

**Safety/ Unit Protection Features:**

Over Temperature Warning	Yes
Over Current Warning	Yes
Switch	Breaker Type

**RECOMMENDED OPTIONS**

SKU # PC-300-240V  
PowerCool 300 water cooler for use with water cooled torches and welders up to 350 amps.



SKU # PCT-250  
Everlast PowerCart Roll Around Cart with gas cylinder space and lower water cooler berth.



SKU # 47k-SSCFP  
US made foot pedal to fit Everlast PowerTIG inverter welders

All specifications subject to change without notice.



All Everlast PowerTIG welders are covered by a 5 year parts and labor warranty.

**1-877-755-9353**

329 Littlefield Ave. South San Francisco, CA 94080

[everlastwelders.com](http://everlastwelders.com)