

# PowerTIG 185

**GTAW/ SMAW****STICK READY**

## Proven, affordable performance is here.

The PowerTIG 185 offers up the best of both worlds with simplicity and affordability. No doubt that with many hobbyists and professionals who like uncomplicated, easy to use welding machines, the PowerTIG 185 inverter TIG/Stick welder strikes the right note as it offers maximum performance without having a lot of features get in the way of making a solid weld.

The PowerTIG 185 really only has bare bones adjustments. It has only those that you need and can benefit from if you are the kind of person who likes to get down to business. AC Frequency and AC Balance control are two simple features that actually do come in handy, by offering drastically improved performance on Aluminum. Post flow control is the other feature there to give you just the right amount of post weld shielding to prevent post weld oxidation and porosity. Other than those basic features, just grab hold of the amp knob, set your amperage and get to welding.

## FEATURES THAT MAKE SENSE.

### Features that have a purpose

- Dependable Fairchild IGBT components offer excellent performance and long service life.
- **NEW!** Redesigned user control panel has been color coded and arranged for convenience.
- Heavy Duty High Frequency control components for improved arc starting and reduced maintenance.
- Standard DINSE 50 style power connectors for industry cross compatibility of torches and fittings.
- Simple controls with exactly what you need to perform quality welds.
- **NEW!** Stick function makes smooth spatter free welds with up to 1/8" electrodes.

### Features that perform

- Wide ranging AC balance control offers more control over cleaning and penetration. Same as PT 250EX!
- Wide range of AC Frequency control improves arc

focus and control while welding aluminum.

- Lift start feature for operation in welding environments where HF use is restricted or unwanted.
- Use with the remote torch switch or optional items such as a torch amptrol or foot pedal.
- Post-flow time is fully adjustable for maximum shielding after the weld.
- Auto-adaptive hot start feature for stick improves arc initiation, reducing electrode sticking.

### Features that stand out

- Quick gas connect makes torch connection easy.
- 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.

## POWER SPECIFICATIONS

**PROCESS:** GTAW-P, SMAW  
**INPUT:** 220-240V 1 Phase, 50/60Hz  
**TIG OUTPUT :** DC: 5-185A/10.2-17.4V AC: 20-185A/10.8-17.4V  
**STICK OUTPUT:** 5-150A , 20.2-26V  
**TIG OCV:** 70V

**MAX CURRENT:** 24.5A  
**DUTY CYCLE TIG:** 35%@185A, 60%@145A, 100% @ 110A  
**DUTY CYCLE STICK:** 35%@150A, 60%@12-A, 100%@90A  
**INVERTER TYPE:** Fairchild IGBT  
**STICK OCV:** 70V

**DIMENSIONS:** 9"Wx24"Lx17"H  
**WEIGHT:** 62 lbs., unit only  
**PROTECTION CLASS:** IP21S  
**INSULATION GRADE:** F  
**VRD:** NONE

**1-877-755-9353**

329 Littlefield Ave. South San Francisco, CA 94080

ORDER PUBLICATION: 20022 DEC. 2013

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

**PowerTIG 185****GTAW/ SMAW**12.5 ft Everlast 17 Series  
Air-Cooled TIG Torch300 Amp Work Clamp  
Cable Assembly 10ft.300 Amp Stick Electrode  
Holder 10ft.Everlast Argon/  
Argon/CO2 RegulatorTIG Consumable  
Starter Kit

Actual appearance and quantity of accessories may vary.

**Performance Specifications:**

AC Frequency	20-250Hz
AC Balance	10-90% of EP
DC Pulse Frequency	None
AC Pulse Frequency	None
Pulse Time On Balance	None
Pulse Amps Ratio	None
Minimum DC Start	5 Amps ( $\pm 2$ A)
Minimum AC Start	20 Amps ( $\pm 2$ A)
Preflow Time	Fixed .5 Seconds
Postflow Time	1-25 Seconds
Up Slope Time	Fixed
Down Slope Time	Fixed
Start Amps	Fixed
End amps	Fixed
Stick Arc Force Control	Fixed
Stick Hot Start Time	Fixed
Stick Hot Start Intensity	Fixed
2T/4T Control	2T only
Wave Form	Adv. Square Wave

**Safety/ Unit Protection Features:**

Over Temperature Warning	Yes
Over Current Warning	Yes
Switch	Breaker Type

**RECOMMENDED OPTIONS**SKU # PCT-250  
Everlast PowerCart Roll Around Cart with gas  
cylinder space and lower water cooler berth.SKU # 47k-EVFP  
Everlast made foot pedal to fit Everlast Power-  
TIG inverter weldersSKU # 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.



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