

PowerTIG 185DV

GTAW-P/ SMAW



Innovative, 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. The unit also features a simple but helpful pulse setting for TIG. 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 name-brand 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.
- **NEW!** Down Slope function for improved use with 2T/4T.

Features that perform

- Wide ranging AC balance control offers more control over cleaning and penetration.
- 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.
- 120/240V for maximum portability and utility.
- **New!** Simple to use pulse features 1 and 50 Hz settings.

POWER SPECIFICATIONS

PROCESS: GTAW-P, SMAW (AC/DC)
 INPUT: 120/240V 1 Phase, 50/60Hz
 TIG OUTPUT : 120/240V DC:5-125A; AC: 20-125A/ DC: 5-185A; AC-20-185A
 STICK OUTPUT: 120/240V: 5-100A/5-150A
 TIG OCV: 70V

MAX INRUSH CURRENT: 120/240V: 34/29V
 DUTY CYCLE TIG: 120/240V 35%/100/185A
 DUTY CYCLE STICK: 35%/100/150A
 INVERTER TYPE: IGBT
 STICK OCV: 70V

DIMENSIONS: 7.5"Wx19"Lx12.5"H
 WEIGHT: 30 lbs., unit only
 PROTECTION CLASS: IP21S
 INSULATION GRADE: F
 PULSE FREQUENCY: 1 and 50 Hz.



1-877-755-9353

329 Littlefield Ave. South San Francisco, CA 94080

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everlastwelders.com

PowerTIG 185DV**GTAW-P/ 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	1, 50 Hz
AC Pulse Frequency	1, 50 Hz
Pulse Time On Balance	Fixed @ 50%
Pulse Amps Ratio	Fixed @ 50%
Minimum DC Start	5 Amps (± 2 A)
Minimum AC Start	20 Amps (± 2 A)
Preflow Time	Fixed .3 Seconds
Postflow Time	0-25 Seconds
Up Slope Time	Fixed
Down Slope Time	0-25 Seconds
Start Amps	Fixed
End amps	Fixed
Stick Arc Force Control	Auto
Stick Hot Start Time	Auto
Stick Hot Start Intensity	Auto
2T/4T Control	2T/4T
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 # EV-FP22-DL
Everlast deluxe foot pedal to fit Everlast Power-
TIG inverter weldersSKU # EV-FP22SSC
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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