

PowerTIG 210EXT

GTAW-P/ SMAW



Proven, affordable performance is here.

The PowerTIG 210EXT has undergone a significant redesign in the latest generation of digital PowerTIGs. This unit packs more duty cycle and power than ever before with 60% duty cycle and a full 210 amps in AC and DC modes. The overall feature package hasn't changed, but we've gone back and tweaked a few things and simplified operation, so that there are no hidden menus to get lost in and setup can be accomplished easily.

We've added a triangular wave form so that the newest edition of the EXT series is better than ever at handling thin aluminum. The parameters of the AC advanced pulse have been improved, as well as the AC frequency and cleaning parameters. Cleaner starts and improved low end amp operation are also features worth noting on this unit over previous series.

So, if you're looking for a 200 amp class welder with just a little more power, and capability, the new PowerTIG 210EXT may be the solution.

FEATURES THAT MAKE SENSE.

Features that have a purpose

- Reliable, name-brand IGBT components offer excellent performance and serviceability in a compact TIG.
- Microprocessor control provides precise digital control over AC/DC welding functions.
- New, improved HF starting reduces 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.
- Adjustable Stick parameters allow use with E 6011, E 7018, E7014, 309L and many other electrodes up to 1/8".
- 9 Programmable channels allow user to save favorite, settings in TIG and Stick modes.
- Self diagnostic feature helps protect against unit and automatically diagnosis certain faults.
- Greatly simplified and componentized digital design improves reliability and serviceability.

Features that perform

- Fully adjustable AC/DC pulse up to 250 Hz AC, and 500Hz DC controls heat for reduced warping, and over-melting of base metals.
- AC advance pulse up to 10 Hz controls heat on thin metal, and increases penetration on thicker metals.
- 3 AC wave forms to choose from to maximize aluminum welding performance.
- Additional 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 with 2T/4T sequencer.

Features that stand out

- Industrial 60% duty cycle in TIG mode operating on single phase 240V at maximum Amps. 35% @ maximum Stick.
- Low 3A, DC and 5A, AC TIG operation for special applications requiring fine low amp control.

POWER SPECIFICATIONS

PROCESS: GTAW-P, SMAW AC/DC
 INPUT: 120/240V 1 Phase, 50/60Hz
 TIG OUTPUT 120V: DC: 3-125A; AC: 5-125A
 STICK OUTPUT 120V: 5-100A;
 DUTY CYCLE STICK: 120V/240V: 35% @ 100/160A

MAX INRUSH CURRENT: 120V/240V: 35/31A
 DUTY CYCLE TIG: 120/240V: 60% @125/210A
 TIG OUTPUT 240V: DC: 3-125A; AC: 5-135A
 STICK OUTPUT 240V: 5-160a
 STICK OCV: 70V

DIMENSIONS: 9"Wx21"Lx17"H
 WEIGHT: 62 lbs., unit only
 PROTECTION CLASS: IP21S
 INVERTER TYPE: IGBT
 VRD: <24V



1-877-755-9353

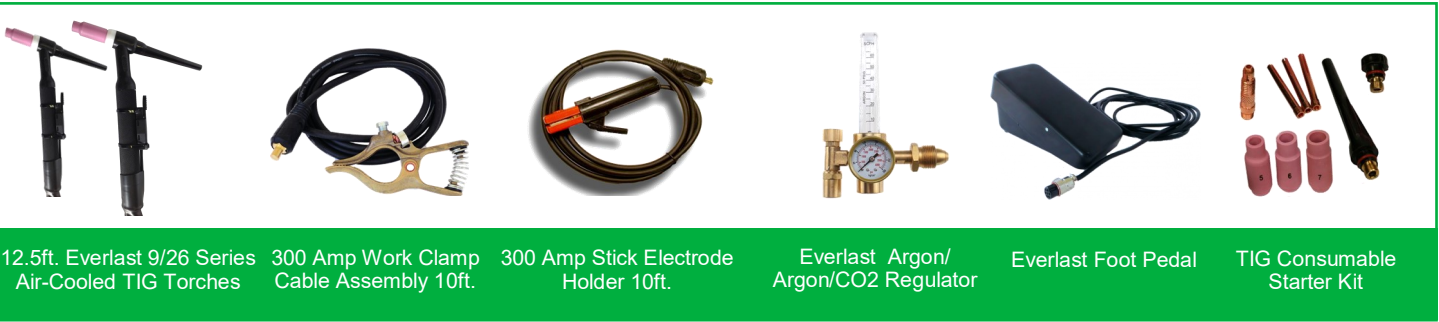
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everlastwelders.com

329 Littlefield Ave. South San Francisco, CA 94080

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12.5ft. Everlast 9/26 Series Air-Cooled TIG Torches 300 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:

AC Frequency	20-250Hz
DC Pulse Frequency	.1-500Hz
AC Pulse Frequency	.1-250Hz
AC Advanced Pulse Frequency	.1-10Hz
Pulse Time On Balance	5-100%
Pulse Amps Ratio	5-95%
Minimum DC Operating Amps	3 Amps
Minimum AC Operating Amps	5 Amps
Preflow Time	0-25 Seconds
Postflow Time	0-50 Seconds
Up Slope Time	0-25 Seconds
Down Slope Time	0-25 Seconds
Start Amps	5A-210A
End amps	3A-210A (5-210A AC)
Stick Arc Force Control	0-100%
Stick Hot Start Time	0-2.5 Seconds
Stick Hot Start Intensity	0-100%
2T/4T Control	Yes w switch
HF Start	Yes
Lift Start	Yes
Memory	9 programs
Wave Forms	Adv. Square, Triangular, Soft Square

Safety/ Unit Protection Features:

Over Temperature Warning	Yes
Over Current Warning	Yes
Switch	Breaker Type
Voltage Reduction Device (VRD)	Yes (<24V)

All specifications subject to change without notice.



RECOMMENDED OPTIONS



SKU # PCW300-240V
PowerCool 300 water cooler for use with water cooled torches and welders up to 350 amps.



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



SKU #EV- 22FPSCC
US made foot pedal to fit Everlast PowerTIG inverter welders



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



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