

PowerARC 140STi



Digital Stick Series



Basic Attitude.

- ▶ New design is simple, user friendly and portable.
- ▶ Digital Control improves reliability/serviceability.
- ▶ Easy set up and intuitive use for beginners.
- ▶ Small size delivers big power with 140A @ 35% duty cycle.
- ▶ Stick and Live Lift Start TIG welding capability.
- ▶ Supported with a 5 year welder warranty.



Nothing to it.

Ready for work.

Everything from the protective carry case down to the additional TIG torch supplied with this unit, communicates that this tiny welder is ready for serious work. Don't let the small size fool you. The PowerARC 140STi is more than capable of handling 1/8" E7018 electrodes. The unit is designed primarily for Stick, but it also features a Live Lift TIG control, which is perfect for field fabrication duties, farm and ranch work. However, don't worry if you are beginner or light hobbyist, because this unit is perfect for you too. The low price point of this unit ensures that you are not breaking the bank account or forking over more than you need to for a capable welder.

Take it everywhere. Weld almost anything with DC Stick or DC TIG.

The design of the PowerARC 140ST allows it to be tucked away in its shoe box sized carry case and carried almost anywhere. The best thing about this unit isn't just the size. It's also the capability to weld with almost any welding rod up to 1/8". (Except Cellulose types) The ability to weld steel or stainless with stick and produce a quality weld that rivals any in its size class speaks well for the versatility and performance of this unit. When using specialty rods such as aluminum rods, or cast iron rods, unit doesn't give up easily with a 35% duty cycle. When using for TIG, the unit will weld virtually any metal, except aluminum. Not too bad for a power saving inverter unit like this.

Added Stick features to maintain a perfect arc.

Not everyone welds exactly the same. So, why should you use a welder that is made for one person's weld style? The PowerARC 140STi includes extra features that tailor the welding arc. Arc force control improves the feel of the arc, and helps maintain the arc in short arc situations where voltage drop is a problem. The amount of arc force action employed to stabilize the arc is completely up to you. The Hot Start feature helps you to improve your "first strike" arc starting success. The intensity of the arc strike is now completely under your control.

Specifications

Process: DC SMAW/DC GTAW

Input Amps: I₁MAX: 120V, 28.1A / 240V, 24.2A I₁EFF: 120V, 18.3A / 240V, 15.4A

OCV: 70V

Weight: 9kg (20 lbs.)

E6010/Cellulose: Not capable

Output: 120V: 10-80A; 240V: 10-140A

Protection: IP21S

Insulation grade: F

Dimensions: 12"Lx10"Hx6"W

Maximum Stick Electrode Diameter: 1/8"

Duty Cycle: 35% @ 80/140A, 40° C

TIG Torch: 17V Series, 4m (12.5 ft.)

Classification: Hobby, Small Shop

Input Cable Length: 6'

DINSE Type/Size: 10-25mm²

Everlast Power Equipment

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All specifications, accessories and options are subject to change without notice.

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Panel Configuration and Details



1. Parameter Selector. Select Stick Parameter for adjustment. Select from Amp, Hot Start Intensity or Stick Arc Force.
2. Parameter Adjustment. Increase or decrease selected parameter
3. Error Indicator. Indicates Duty cycle or Over current events.
4. On Indicator. Indicates power is switched on.
5. Process Selector. Select from Stick or Live Lift TIG Function.
6. LED Screen, LED indicators. Indicates selected parameter and value.

Standard Equipment and Options



Standard Kit:

- Compact/Impact Resistant Carry Case
- Electrode Holder and 9 ft Cable (DINSE 25 Type)
- 17 Series Gas Valve Torch
- 240V to 120V Pigtail Adapter
- Starter Kit TIG Consumables (No Tungsten)

Customer Favorite Options:

- PowerCart 250 SKU/Part# PC250-M
- Regulator/Flow Meter SKU/Part# EV200UW-CFH
- Stubby Consumable Kit E-WP17-26-18-SKT

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