



# CYCLONE 140E

## Specifications

<b>Process:</b>	GMAW/F-CAW* (MIG/F.Core)	<b>Input:</b>	120V	<b>Operating Range:</b>	25A-140A; 15.5-21V (±3V)	<b>I1Max (Inrush):</b>	37A	<b>I1Eff (Rated):</b>	19A
<b>Duty Cycle:</b>	25% @140A; 60% @ 90A	<b>OCV:</b>	60V	<b>Std. Drive Roll Size:</b>	.023-.030" V-Groove (.035" opt.)	<b>Wire Spool Capacity:</b>	4"-8"	<b>MIG Gun Type:</b>	15 Series, 9 ft.
<b>Digital Display</b>	Color, 2.6" x 1.4"	<b>Weight:</b>	26.5 lbs.	<b>Dimensions:</b>	17.5" L x 12.5"H x 8.5"W	<b>Wire Feed Speed*:</b>	400 IPM	<b>PowerSet Mode:</b>	Yes

## Simply a Better MIG welder...

### Digital IGBT Inverter MIG Power

This unit boasts one of the best duty cycle in the industry for 120V, 140A MIG welders. This unit has a duty cycle of 25% @ 140A. Compare to the "other guys" with a duty cycle of 20% @ 90A!

### PowerSet Function

No need to rely on complicated charts and menus to set up your machine. Simply turn the feature on, select gas, wire size, and metal thickness and the unit adjusts to a useable setting automatically.

### Tool-Free Euro Quick Connect

The best design used for connecting up your MIG gun period. No tools needed! Quickly and easily change the MIG gun with a lower chance of misalignment and leaking of mig gas.

### Spool Gun Ready

If you need it, the unit is ready to weld with the optional SM100N Spool Gun.

### Proven MIG Torch Design

The 9 ft long 15 series MIG gun design is a trusted design that has been around for many years. The reason? They got it right the first time. Ball-flex socket eases the tug-of-war between your arm and the cable. Ergonomic grip design reduces operator fatigue.

### Clear, Protective Cover

We've got you covered on the details. The clear protective cover protects the control panel from grinder dust, weld sparks and dirt in general, so your welder will last for years to come.

### New High-Visibility Digital Display

Bright, easy-to-read display is easy to navigate and read at a distance. Having a display makes duplicating settings for special jobs simple and accurate. Perfect for beginners and professionals.

### Floating Ball Type Regulator

No cheap gauge style regulator here. The quality floating ball type regulator shows when gas is actually flowing and accurately meters gas flow.

### Easy Change of Polarity

Need to quickly change over for Flux-Cored wire, or back to solid wire? No problem. Twist and go. You've just changed your polarity. No tools or switches needed.

### 5 Year Parts and Labor Warranty

Simply the best warranty in the business. Who else offers this without paying extra, or giving you a long list of exclusions?

## Uses: Light Fabrication, Home Hobby, Automotive, Agricultural and Portable Repair

### There is more than meets the eye.

Even with a cursory glance, you can tell there is something different about this MIG welder. Start with the new LCD screen. The new high visibility screen allows the user to know exactly what the settings are. There's no A, B, C, D, E settings for Volts. There's no 0-10 range for wire speed. No, with the new Cyclone 140E, you know exactly what you are setting. And with the step-by-step adjustment, you aren't left with gaps in the range. You'll always be able to fine tune the welder to exactly the setting you need.

Of course, take a look at the weight too. This unit is one of the lightest in the 140A MIG welder class? Why? Because it is a true inverter MIG welder. While many manufacturers have converted most of their welder line over to inverter class MIGs, they have been slow to convert their 120V welders to an inverter. Rather than redesign these units they have simply tried to shoe-horn old transformer type designs into a smaller case or frame. The Cyclone 140E is a true inverter with a weight of just over 26 lbs. And yet, it boasts the best duty-cycle you'll find in a 120V, 140A MIG welder class.

Are you worried about getting your settings right? No problem. All you need to do is select your wire size, gas type and metal thickness, and you've just gotten an instant useable setting. You don't have to try to cross-reference a chart or sneak a peak at a downloadable app during your setup. No, you have the right setting right there for you. Of course, if you need to change your welding position, or prefer it slightly hotter, or cooler, the unit allows you to make those fine tune adjustments on the fly. Don't worry. If you decide you need to return to the PowerSet Setting, the unit guides you back by providing a bar graph that gives you a center "star" when you are back to the factory setting.

The factory wire feeder mechanism is cast aluminum, built for years of service. The 2 roll design coupled with the slow run in feature is able to provide low spatter, easy starts without the crackle and pop so many MIG welders are known for at their starts. I

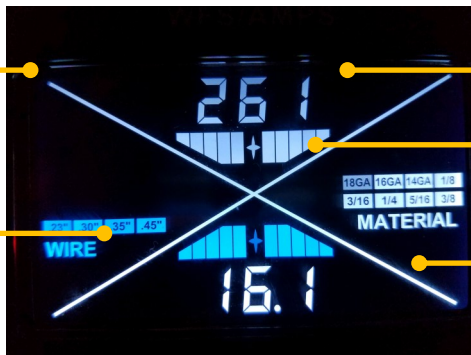
## PowerSet Simplified

### Bright LCD Screen

The display is clear, bright and easy to read. Easy to read Wire Speed Feed and Volts in the dark or bright light at a distance. Never guess at your exact settings again.

### Select the Wire Diameter

Select the wire diameter you will be using. The exact setting you are able to select will vary by wire type.



### Precisely Control Settings

Each "click" of the knob increases/decreases by 1 inch per minute or 1/10th of a Volt.

### Fine Tune Your Setting

If you need to, the PowerSet mode allows you to fine the setting. Don't worry though, if you mess it up, the PowerSet Mode give guides you back to "center".

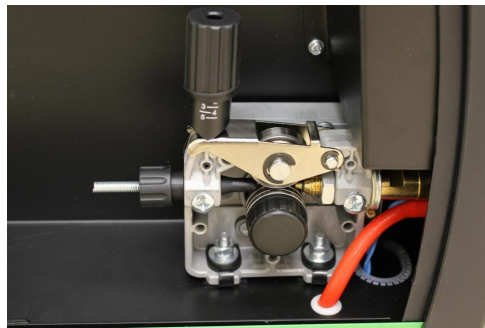
### Select the Metal Thickness

Just determine how thick you will be welding. The exact thickness may be limited by wire size, type and gas choice.

## Simple Operator Interface



## Heavy Duty Cast Aluminum Wire Feeder



## Standard Equipment and Options



### Customer Favorite Options:

- 20 ft. Everlast PowerSpool SM100N SKU/Part # SM100-N
- PowerCard 250 SKU/Part# PC250-M
- .035" -.045" Flux Drive Roll SKU/Part# EV-FLUXROLL-912-1PC
- .035" Hard Wire Drive Roll (V-Groove) SKU/Part# EV-VROLL-912-1PC

## Can this welder operate on a generator?

The small size and portability of the Cyclone 140E makes it a perfect candidate for use with a generator. We want you to get the best life and performance out of the unit while operating on a generator, so please follow these guidelines when choosing this welder and using your generator to match.

- The generator must be rated as "Clean Power Output", This means that it provides 5% or less Total Harmonic Distortion. The generator manufacturer determines this rating. Consult with them before your purchase.
- The generator must provide at least 4500 Surge Watts. Switch the welder off before powering down the generator. Do not run the generator out of fuel while the welder is switched on.
- Failure to do follow these recommendations may void the welder warranty.

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