








PowerARC 140STi Cross Brand Comparison*

Well Equipped For a Small Package.

If you are just getting your feet wet in the welding trade or just wanting to get a back up unit, the PowerARC 140STi offers quite a lot when you compare to the nearest competitors on the market. The unit features 140 Amps of welding power for TIG and Stick. That’s enough to comfortably to stick weld with 1/8” E7018 electrodes or weld 1/2” Steel with TIG in multiple passes. Really though, its about the whole package. The Power ARC 140STi comes with a case to carry and store your welder when not in use. It also comes with a TIG torch with a gas valve on the handle to per-

form lift start DC TIG welding. Of course, the unit also comes complete with a work clamp and stick electrode holder. Compare that to many of the PowerARC 140STi’s competitors which if they do have lift arc, the torch is likely not to come with it at the base price. The duty cycle holds up well too. It also has the best warranty in the industry at the time of the publication. If you are in the market , take a few minutes to compare these units side-by-side. You are going to find that the PowerAC 140STi is a standout product in its field.

							
N	PowerARC 140STi	Stickmate 160i 500570	Thunderbolt 907721	Miniarc 161LTS 0558011934	Forney Easy Weld 100ST 298	Invertec V155-S K6206-1	Century Inverter Arc 230 K2790-2
Price:	349.00	399.00	\$385.00	\$788.00	\$208.00	\$1523.00	\$450.00
Voltage Input	120/240V	120/240V	120/240V	120/240V	120V	120/240V	240V
Max Rated Amp Input 120/240V Max Inrush or Manufacturer Stated Rated (Average)	28.1A 24.2A	21.4A 22.4A	21.4A 22.4A	32.5A 28.5A	30A NA	34A 33A	NA 30A
Stick Duty Cycle @ Maximum Amps 120/240V	35% @ 80A 35% @ 140A	20% @ 65A 30% @ 160A	20% @ 65A 30% @ 160A	35% @ 110A 35% @ 160A	30% @ 80A NA	30% @ 100A 30% @ 145A	NA 30% @ 150A
TIG Duty Cycle @ Maximum Amps 120/240V	35% @ 80A 35% @ 140A	Not TIG Capable	Not TIG Capable	35% @ 110A 35% @ 160A	30% @ 80A NA	30% @ 130A 30% @ 155A	NA 30% @ 150A
Max OCV	70V	91V	91V	80V	Not Specified	75V	9.5V (VRD)
Lift Start TIG (DC)	Yes	NA	NA	Yes	Yes	Yes	Yes
Digital Display	Yes	No	No	No	No	No	No
Built in Gas Solenoid Valve for Gas Flow Control	No, Use Gas Valve Torch	NA	NA	No, Use Gas Valve Torch	No, Use Gas Valve Torch	No, Use Gas Valve Torch	No, Use Gas Valve Torch
TIG Kit Included (Base Model)	Yes	NA	NA	No	Yes	No	NA
Stick Arc Force Control (DIG, Inductance etc.)	Yes	Adaptive (Not Adjustable)	Adaptive (Not Adjustable)	Adaptive (Not Adjustable)	No	Adaptive (Not Adjustable)	No
Stick Hot Start Intensity Adjustment	Yes	Auto	Auto	Auto	No	Auto	No
E6010 (Cellulosic Rods) Capability	No	Limited	Limited	Yes	No	Yes	No
Stick Output Range	10-140A	20-160A	20-160A	5-160A	10-80A	5-155A	10-140A
TIG Output Range	10-140A	NA	NA	5-160A	10-100A	5-155A	10-150A
Weight	20 lbs. (9kg)	15 lbs.	15 lbs.	18 lbs. (8.2kg)	9.7 lbs. (4.4kg)	14.7 lbs. (6.7Kg)	21 lbs. (9.5Kg)
Dimensions	6"Wx10"Hx12"L	7.1"Wx10.5"Hx13.4"L	7.1"Wx10.5"Hx13.4"L	5.8"Wx10"Hx15.8"L	5.5"Wx10.5H"x12"L	6.2"Wx11.3"Hx15.4"L	5.5"Wx10"Hx14"L
Input Cable Length	6.5 Ft (2m)	6.5 Ft (2m)	6.5 Ft (2m)	10 Ft (3m)	Not Specified	6.6 Ft (2m)	6 Ft (1.8m)
Warranty	5 Year Parts/Labor	3 Year Parts/Labor	3 Year Parts/Labor	3 Year Parts/Labor	1 Year	3 Year Parts/Labor	1 Year

*This publication is based on available information on August 16, 2019. It relies on other manufacturer data which is subject to change and may vary in accuracy. Prices are also subject to change and are based off of MSRP or stated prices. NA= Not Applicable. Not listed=No information available at the time of creation of this comparison.

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