

EZ-TIG™ 165i

Single-Phase AC/DC TIG Welding Package



245137
February 2018

230 V



500551

Quick Specs

Welding Amp Range
10–165 A

Material Thickness Range

AC: 22 ga.–3/16 in. (aluminum)

DC: 22 ga.–3/16 in. (steel/stainless steel/chrome-moly)



5/3/1
INDUSTRIAL
WARRANTY

Durable AC/DC TIG welder is easy to use and setup.

The EZ-TIG 165i is a complete 230-volt welding package that offers a unique single-knob control making it the quickest and easiest AC/DC TIG welder to set up and use. Just plug it into 230-volt power, connect the gas, select the material and thickness, and you are ready to weld.

It has superior weld performance from 22 gauge to 3/16 inch (.81 to 4.8 mm) in both AC (aluminum) and DC (steel/stainless steel/chrome-moly).

The EZ-TIG 165i is a lightweight inverter-based design and includes a foot control and regulator/flow gauge.

Applications

- Auto body repair
- Auto body fabrication
- Home hobby
- Metal art
- Vocational training
- Signs

Includes

- 12.5 ft. (3.8 m) Weldcraft™ A-150 (WP-17) TIG torch with backcap, nozzle, 3/32 in. (2.4 mm) collet and collet body, and 2% ceriated tungsten
- 12 ft. (3.7 m) work cable with clamp
- Power cord with plug (50 A, 230 V, attached)
- RFCS-RJ45 remote foot control
- Regulator/flow gauge with hose

Features	Benefits
High Frequency start	Allows for a non-contact arc start to eliminate tungsten and material contamination.
Easy-to-use interface	All you need to do is power it up, select your material, and set the material thickness range.
Fan-On-Demand™	Cooling system operates only when needed reducing power consumption and contaminants drawn into the machine.
Infinite amperage control	Provides broader operating range with finer control.
Portable	Weighs only 50 lb. (23 kg) so its easy to take anywhere.
Hobart 5/3/1 industrial warranty	Five-year warranty on transformers, stabilizers and main rectifiers; three years on generators, PC boards and drive systems; and one year on guns (MIG, plasma and TIG torches).

Specifications (Subject to change without notice.)



Mode	Welding Amp Range	Rated Output	Amps Input at Rated Output			Max. Open-Circuit Voltage	Dimensions	Net Weight
			230 V	KVA	KW			
AC	10–165 A	150 A at 16 V, 20% duty cycle	21	4.9	3.6	80 VDC	H: 17 in. (433 mm) W: 9.875 in. (251 mm) D: 23.875 in. (608 mm)	50 lb. (23 kg)
DC	10–165 A	150 A at 16 V, 20% duty cycle	23	5.3	3.9			

Certified by Canadian Standards Association to both the Canadian and U.S. Standards.



Hobart Welding Products

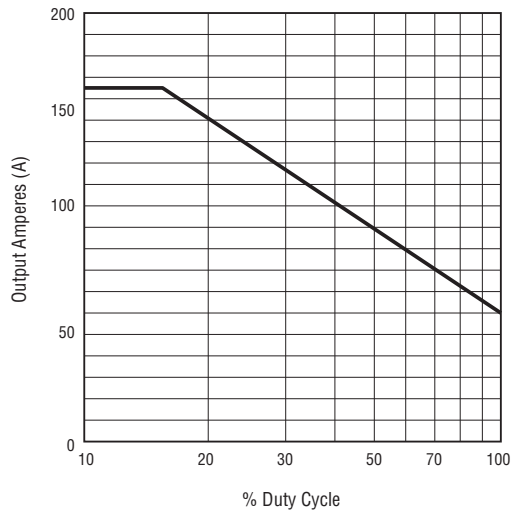
An ITW Welding Company
Sales: 800-626-9420
Service: 800-332-3281

HobartWelders.com

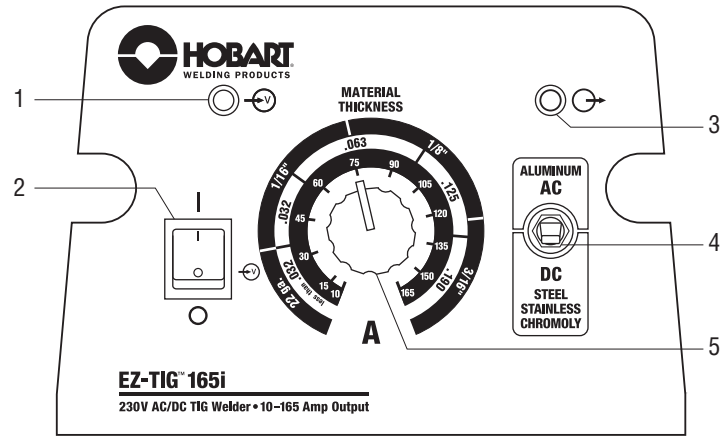


Performance Data

Duty Cycle Chart



Control Panel



- | | |
|---------------------------|--|
| 1. Power Indicator Light | 4. Material Switch |
| 2. Power Switch | 5. Material Thickness/
Amperage Control |
| 3. Output Indicator Light | |

Accessories



**Weldcraft™ A-150 (WP-17) Replacement
TIG Torch 270513**

12.5 ft. (3.8 m) TIG torch with backcap, nozzle,
3/32 in. (2.4 mm) collet and collet body, and
2% ceriated tungsten.



RFCS-RJ45 245589
Remote foot control.