

# HOBART®

MADE IN THE  
**USA**

**5/3/1**  
INDUSTRIAL  
WARRANTY

# EZ-TIG™ 165i

## Single-Phase AC/DC TIG Welding Package



245137  
April 2011



#500551

**Includes:**

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

The EZ-TIG™ 165i is a complete 230 V AC/DC 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 VAC, 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 in. (.81 mm to 4.8 mm) in both AC (aluminum) and DC (steel/stainless steel/chromoly). The EZ-TIG 165i is a lightweight inverter-based design that includes a foot control.

**Applications:**

- Auto Body Repair
- Auto Body Fabrication
- Home Hobby
- Metal Art
- Vocational Training
- Signs

Features	Benefits
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™	Runs only when needed reducing dust/debris pulled into the unit
Infinite amperage control	Provides broader operating range with finer control
Inverter-based, AC/DC power source	Provides a more consistent welding arc while using less power
Portable	Weighs only 50 lb. (23 kg) so its EZ to take anywhere
HF start	Allows for non-contact arc starting that eliminates tungsten and material contamination.
Auto-postflow	Provides optimum shielding based on welding amperage without waste or need for adjustment.
Hobart's 5/3/1 Industrial Warranty	Five-year warranty on transformers, stabilizers and generators; three years on electronics (drive motors, rectifiers); and one year on guns (MIG, TIG, and plasma torches).

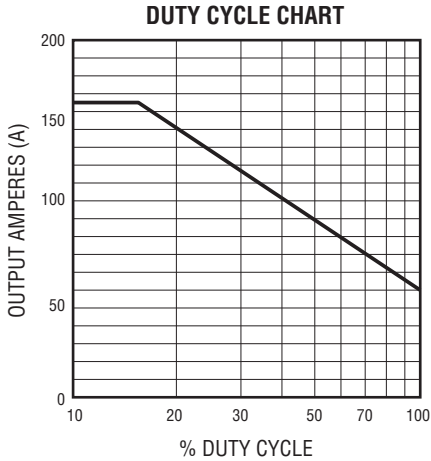
**Specifications** (SUBJECT TO CHANGE WITHOUT NOTICE.)



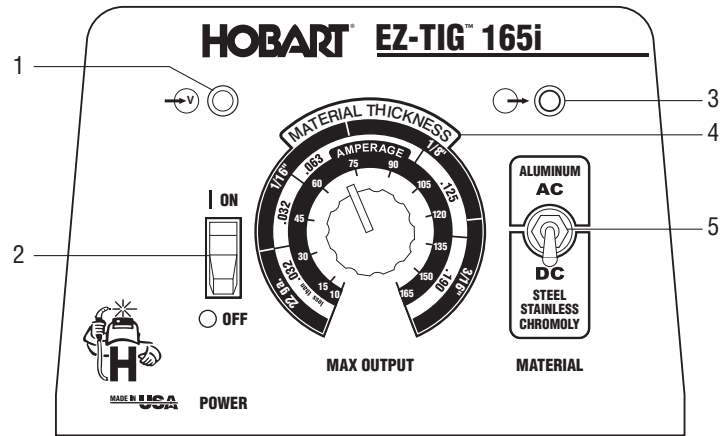
Mode	Rated Output at 20% Duty Cycle	Welding Amperage Range	Max. Open-Circuit Voltage	Input Amps at Rated Output	KVA	KW	Dimensions	Net Weight
AC	150 A at 16 VAC	10-165 A	80 V	230 V - 21 A	4.9	3.6	H: 17 in. (433 mm) W: 9-7/8 in. (251 mm) D: 23-7/8 in. (608 mm)	50 lb. (23 kg)
DC	150 A at 16 VDC			230 V - 23 A	5.3	3.9		

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

## Performance Data



## Control Panel



1. Power On LED
2. Power Switch
3. Output Indicator LED
4. Material Thickness/Amperage Control
5. Material Switch

## Accessories



**Running Gear/Cylinder Rack #770187**  
Heavy-duty construction. Accommodates large and small gas cylinders.



**Weldcraft® Legacy™ 17 Replacement TIG Torch 1712RESYLGC #245271**  
12.5 ft. (3.8 m) TIG torch with backcap, ceramic gas cup, 3/32 in. (2.4 mm), collet and collet body, and 2% ceriated tungsten.



**RCCS-RJ Remote Contactor and Current Control #770669**  
North/south rotary-motion fingertip control fastens to TIG torch using two Velcro® straps. Great for applications that require finer amperage control. Includes 14 ft. (4.3 m) control cord.



**RFCS-RJ45 #245589**  
Remote foot control.



**Hobart Welders** An Illinois Tool Works Company  
Hobart Welding Products Service 800-332-3281 Sales 800-626-9420

Litho in USA

hobartwelders.com

