

HOBART®

HOBART BROTHERS CO.
TROY, OHIO USA

5/3/1
INDUSTRIAL
WARRANTY

EZ-TIG™ 165i

Single-Phase AC/DC TIG Welding Package



245137
Feb. 2013



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:

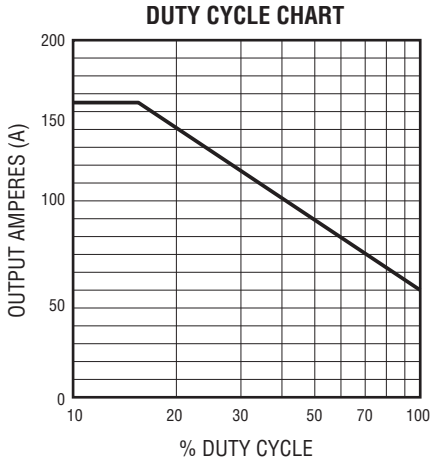
- Auto Body Repair
- Auto Body Fabrication
- Home Hobby
- Metal Art
- Vocational Training
- Signs

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).

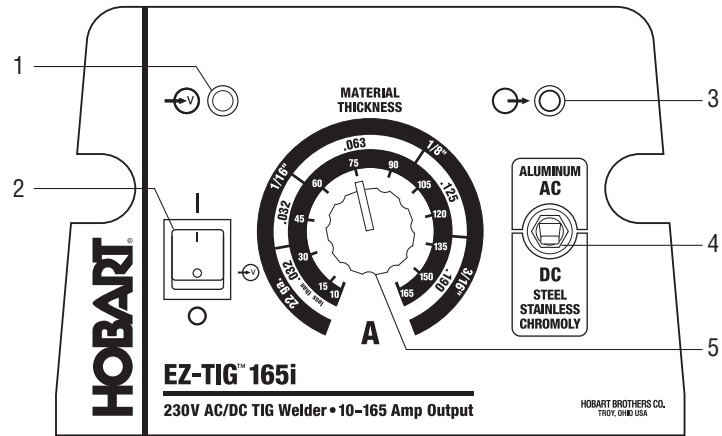
Specifications (SUBJECT TO CHANGE WITHOUT NOTICE.)								AC/DC	CC	1 Phase
Mode	Rated Output at 20% Duty Cycle	Welding Amperage Range	Max. Open-Circuit Voltage	Input Amps at Rated Output	KVA	KW	Dimensions	Net Weight		
AC	150 A at 16 VAC	10-165 A	80 V	230 V - 21 A	4.9	3.6	H: 17 in. (433 mm) W: 9-7/8 in. (251 mm) D: 23-7/8 in. (608 mm)	50 lb. (23 kg)		
DC	150 A at 16 VDC	10-165 A		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 | 4. Material Switch |
| 2. Power Switch | 5. Material Thickness/
Amperage Control |
| 3. Output Indicator LED | |

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.



RFCS-RJ45 #245589
Remote foot control.



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