

SQUARE WAVE® TIG 200

200 Amp AC/DC TIG and Stick Welding Power Source



Advanced Features Yet Easy to Use

- Simple user interface makes machine setup easy.
- Available features like pulse mode help make you a better TIG welder, faster.

Great TIG Machine for Aluminum

- High frequency starting for aluminum welding.
- Allows adjustments for wider or tighter arc configurations.
- Built-in settings for more cleaning action.

TIG and Stick from One Power Source

- TIG welding for critical welds where precision and bead appearance are important.
- Bonus of stick welding capability for outdoor work or thicker materials.

Take it Everywhere, Plug in Anywhere.™

- Plugs into a standard 120V or 230V circuit.
- Portable and convenient to use – only 46 lb (21 kg).

Processes

AC/DC TIG, Stick

Output



Input



Applications

- Home
- Hobby
- Shop
- Light Fabrication
- Motorsports
- Education

What's Included

- PTA-17 Series 150 Amp Air-cooled TIG Torch with Flexible Head and Ultra-Flex™ Cable Assembly with TIG Torch Parts
- Foot Amptrol™
- Regulator/Flowmeter with Gas hose
- Stick Electrode Holder
- Ground Clamp
- 120/230V Input Cords

Key Accessories

- [K520] Utility Cart
- [K963-3] Hand Amptrol™
- [K1781-1] PTA-9 125 Amp TIG Torch
- [K1783-1] PTA-26 200 Amp TIG Torch
- [KP507] Parts Kits for PTA-9
- [KP508] Parts Kits for PTA-17
- [KP509] Parts Kits for PTA-26

SQUARE WAVE® TIG 200 - SPECIFICATIONS

Product Number	Input Power: Voltage/Phase/Hertz	Rated Output: Current/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Weight lbs (kg)
K5126-1	120/1/50/60	TIG: 125A/25% TIG: 100A/40% TIG: 85A/60% Stick: 75A/20% Stick: 65A/60%	21A 17A 14A 19A 16A	TIG: 10-125A Stick: 10-90A	14 x 10.75 x 19.25 (358 x 282 x 502)	46 (21)
	230/1/50/60	TIG: 200A/25% TIG: 160A/40% TIG: 130A/60% Stick: 170A/20% Stick: 100A/60%	22A 17A 13A 25A 13A	TIG: 10-200A Stick: 10-170A		

* 120V AC TIG 110A/25%

ADVANCED FEATURES

Setting	Range	Results	
AC Frequency	60-150 (Hz)	A lower frequency results in a wider bead	A higher frequency results in a more focused bead
AC Balance	60-90 (%Electrode Negative)	A lower AC Balance (%EN) results in an arc with increased cleaning action	A higher AC Balance (%EN) results in an arc with higher penetration
Pulse	0.1-20 (Pulses per second)	Lower pulse frequency helps moderate filler metal deposition	A higher pulse frequency helps manage heat input and minimize material distortion

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