

# MAG-POWER®

## TIG Welding Machines

Industrial Grade TIG Welding Machines & Accessories



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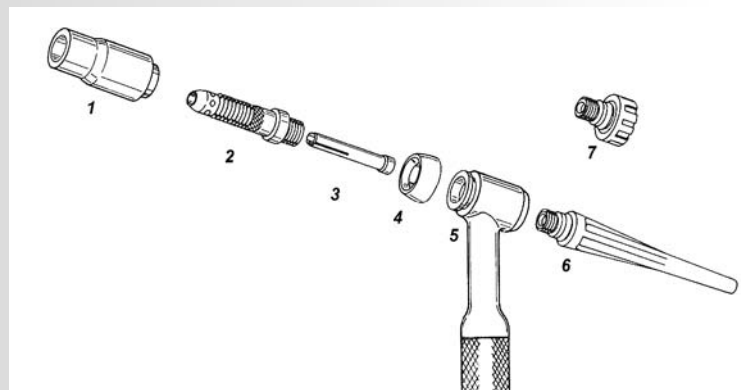
Industrial Grade TIG Welding Machines & Accessories

### FEATURES

- Compact Inverter Power Supply in Rugged Powder-coated Steel Cabinet
- Infinitely Adjustable Output Amperage for TIG and Stick Operation
- Forced Air Fan Cooling System for High Duty-Cycle Operation
- Designed Specifically to Operate on Single Phase Input Power
- Illuminated Power Switch and Thermal Overload Indicator w/ Auto Re-Set
- Dinse Direct-Connect Power Cable Adapters for Torch & Work Clamp

### TIG Torch Consumables

Item	Description	SR17 Part #	S26 Part #
1	Alumina Nozzle	10N48	10N47
2	Collett Body	10N31	10N32
3	Collet	10N23	10N24
4	Cup Gasket	18CG	18CG
4A	TIG Torch	SR17V	SR26
5	Back Cap (long)	57Y02	57Y02
6	Back Cap (short)	57Y04	57Y04



# SPECIFICATIONS

## MAG-TG155

**Portable DC Inverter TIG Welder**  
**3/16" Maximum – 230 Volt / 155 Amps**

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This compact 230-volt DC Inverter TIG welder, rated at 155 Amps and weighing less than 18 lbs., is perfect for all types of steels common in automotive and light-industrial applications. Inverter power supply provides for portability and infinitely adjustable smooth power operation.

This professional portable system produces a full 140 Amps of welding power for an extended 30% duty-cycle on standard 230-volt outlet and is capable of TIG welding mild & stainless steels from #14GA to 3/16". Lift-Arc start. Just attach the STICK torch and weld thicker metals using 3/32" & 1/8" electrodes. Package includes machine, SR17V TIG torch w/gas valve & 12' cable assembly, 300 Amp work clamp & cable, stick electrode holder & cable, gas regulator, AK-2 accessory kit and complete Operator instruction manual.

<b>Input Voltage:</b> 230VAC @ 60Hz	<b>Output Voltage:</b> 25 VDC
<b>Input Current:</b> 19 Amps	<b>Output Current:</b> 150 Amps
<b>O.C. Voltage:</b> 100 VDC	<b>Duty-Cycle:</b> 30% @ 40°C
<b>Dimensions:</b> 5.5"W x 10.2"D x 14.5"H	<b>Weight:</b> 17 Lbs.



## MAG-TG221

**Portable AC/DC Inverter TIG Welder**  
**1/4" Maximum – 230 Volt / 220 Amps**

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This full-featured 230-volt AC/DC Inverter TIG welder, rated at 220 Amps, is designed for all types of steels and aluminum common in automotive and light-industrial applications. Inverter power supply provides for portability and the touch-pad electronic control includes independently adjustable power, slope, wave, frequency, ignition and gas flow timing.

This professional portable system produces a full 200 Amps of welding power for an extended 35% duty-cycle on standard 230-volt outlet and is capable of TIG welding mild & stainless steels as well as aluminum from #14GA to 1/4". HF or Lift-Arc start. Just attach the STICK torch and weld thicker metals using 1/8" & 5/32" electrodes. Package includes machine, SR26 TIG torch w/12' cable assembly, 300 Amp work clamp & cable, stick electrode holder & cable, gas regulator, AK-3 accessory kit and complete Operator instruction manual.

<b>Input Voltage:</b> 230VAC @ 60Hz	<b>Output Voltage:</b> 18 VDC
<b>Input Current:</b> 26 Amps	<b>Output Current:</b> 200 Amps
<b>O.C. Voltage:</b> 103 VDC	<b>Duty-Cycle:</b> 35% @ 40°C
<b>Dimensions:</b> 8.7"W x 15.5"D x 18.1"H	<b>Weight:</b> 35 Lbs.



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Toll-Free Tech Support  
**1-800-554-0074**

[www.mag-powerequip.com](http://www.mag-powerequip.com)

## TIG ACCESSORIES

### AK-2 Kit

- SR17 – Back Cap - Short
- 0.40" – Collet / Collet Body / Tungsten Electrode / Alumina Cup #4
- 1/16" – Collet / Collet Body / Tungsten Electrode / Alumina Cup #5
- 3/32" – Collet / Collet Body / Tungsten Electrode / Alumina Cup #6



### AK-3 Kit

- SR26 – Back Cap - Short
- 1/16" – Collet / Collet Body / Tungsten Electrode / Alumina Cup #5
- 3/32" – Collet / Collet Body / Tungsten Electrode / Alumina Cup #6
- 1/8" – Collet / Collet Body / Tungsten Electrode / Alumina Cup #8



### TIG Foot Pedal Control

- Specifically designed for MAG-TG221 Inverter Machine
- All steel construction with Sure-Grip face
- Totally hands-free operation of welding process
- Heavy-duty, all steel construction with non-slip feet
- On/Off arc control in both HF and strike-arc modes
- Full-range output amperage adjustability
- Direct connect 25' shielded control cable



### Auto-Silver Welding Helmet

- Wide View Area: 3.75" X 1.75" (6.56 sq./in.)
- Full Time UV/IR Protection: 16 DIN
- High Speed Sensitivity: 1/25,000th sec.
- Light Shade Set-Up: 3.5 DIN
- Dark Shade External Adjustment: 9-13 DIN
- Solar Powered / Auto On-Off: No battery
- Replaceable Lens Covers: interior & exterior
- Comfort Headband: padded w/locking ratchet
- Meets Standards: EN, DIN, ISO & ANSI Z87.1