

# TIP TiG

USA

Quality makes  
the Difference.

**The Evolution  
of TiG Welding!**

## Portable All-in-One Field Unit

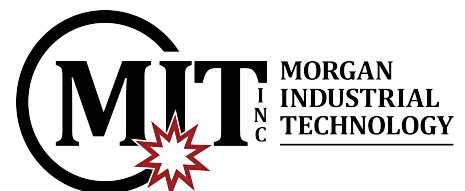


### Description

It's the all new, all cased and all powerful. Completely redesigned and packed with our most advanced technology, it will make you rethink what TIP TiG is capable of. Suitable for Low Alloy Steel, Medium Alloy Steel, High Alloy Steel, Duplex, Super Duplex, Copper, Titanium, Aluminum, 9% Nickel Steel, and Highly heat resistant and galvanized materials.

### Features

- Dynamic wire feeding for a controllable weld pool even with positional welding:  
The wire feeding is superimposed in parallel using a sinusoidal movement
- Up to 300 % faster welding speeds compared to TiG welding
- Up to 400 % improvement in deposition rate
- High process reliability and reproducible welding results
- Higher welding speed and easy handling
- Heat supply to the wire for improved deposition rate and an even lower risk of weld errors
- Perfect weld appearance, no weld spatters
- 4-Roll drive. Equipped for 0.8 mm (.030) / 0.9 mm (.035) / 1.0 mm (.040) / 1.2 mm (.045) wires
- Can be used with any TiG welding machine



## Application range

TIG DC for Hot Wire applications, TIG AC for Cold Wire applications

## Materials for Hot Wire applications

Low-, medium- and high alloyed steel, Duplex, Superduplex, Copper and Titanium, Stellite, highly heat resistant and galvanized materials.

## Technical data

■ Input Voltage	-	120 V (+/- 20 %)
■ Input Phase	-	1
■ Input Hz	-	50 / 60 Hz
■ Duty Cycle (40 °C)	-	500 A / 100 %
■ Wire Feed Speed	-	5.6 - 670 IPM
■ Wire Frequency	-	17 - 20 Hz
■ Net Width	-	13.85 in
■ Net Height	-	20.66 in
■ Net Length	-	23.62 in
■ Weight, wire feeder	-	74 lbs

