



TIG (GTAW) INVERTER

THERMAL ARC 150 TE



PROCESS	HF TIG	LIFT TIG	STICK		
Part Number	Rated Output @ Duty Cycle		Output Range	Dimensions (H x W x D)	Net Weight
10-9313	130A @ 60% 150A @ 35%		3 – 150 Amps	225 x 152 x 325 mm	7 kg

The 150 TE is a DC Inverter Arc Welding Power Source with Constant Current (CC) output characteristics. Designed for HF TIG, LIFT-ARC TIG and STICK welding applications. The 150 TE operates on single phase 230 volt primary input voltage.

The reliable IGBT technology design and the compact tough, industrial build quality of this unit make it ideal for all light industrial applications. This full function TIG and STICK machine comes as standard with adjustable pre-flow and post flow gas control, slope down control, 2/4 step control and input protection for use on generators.

Machine Specifications

Single Phase Power Supply	230v
Input Frequency	50 / 60 Hz
Fuse Rating	16A slow-blow
Maximum Power Consumption	5 KVA
Open Circuit Voltage	80A – 90A
Protection Factor	IP23
Insulation Class	H
Approvals	EN60 974-1-EN50 199

MORE POWER TO YOU™

Features	Benefits
Thermal Overload Protection	Indicates temperature overload without damage to the machine
Automatic Arc Force	Easy striking, good arc stability and avoids electrodes "sticking"
High OCV : 80A – 90A	Easy striking and use of all types of stick electrodes
Automatic Hot Start	Clean positive arc striking
Slope Down	Controls current for end of weld crater fill
Input Voltage Protection	Protects the unit from damage from input fluctuation from generators

2 Years Warranty



Item	Description
1	Amperage Control – the amperage control selects the desired amperage between 3 – 150A
2	Down Slope Time Control
3	TIG / STICK mode selection and Pre-flow Gas Control
4	Lift TIG / HF TIG mode selection
5	2 touch / 4 touch selection and Post-flow Gas Control
6	Positive output receptacle, DIN style – 25mm ²
7	Negative output receptacle, DIN style – 25mm ²
8	TIG plug receptacle
9	3/8" BSP TIG Torch gas connection

Ordering Information

	Part Number
Thermal Arc 150 TE Inverter Power Source with TIG plug, mains cable and operating manual	10-9313



Thermadyne Netherlands
Hoofddorp, Holland
Tel: (31) 23 561 4182
Fax: (31) 23 565 5074

Thermadyne UK
Chorley, England
Tel: (44) 1257 261755
Fax: (44) 1257 224800

Thermadyne Italia
Milan, Italy
Tel: (39) 039 204 991
Fax: (39) 039 204 9922

PTA Plasmatechnik
Westerburg, Germany
Tel: (49) 2663 915666
Fax: (49) 2663 915667