

**weldmax**



ENG

**Weldmax 204T**  
**Inverter DC HF TIG MMA**

# 204T Inverter DC HF

The Weldmax Multipower 204T is the latest digital inverter welder with very high precision weld characteristics and has all functions and features that a professional welder needs and wishes for.

Being equipped with Multipower, the PFC (Power Factor Corrector) is dimensioned for supporting a voltage range from 90 volts up to 270 volts. The internal device makes it possible to run off a generator with 100 metre long power supply cable.

## Key Features & Benefits

- Q-Start – Rapid joining of weld pools for initial starting.
- Dynamic arc, ensures deeper penetration and lower heat input with more perfect bead formation.
- Multipower – Allows setting of different coated electrode types.
- V.EI – Switch off arc Voltage MMA.
- VRD Function – Voltage reduction device.
- PFC Device – Dimensioned for supporting a voltage range from 90V-270V.
- 50 Memory Settings.
- Slow Fast Pulse.
- Pre Gas and Post Gas.
- 2T / 4T trigger mode with dual level power control.
- MULTITACK – reduces heat input while joining light gauge materials.
- Q SPOT – For fast tacking, leave the weld tack white and clean with very little heat.
- MMA – Up to 5mm electrodes in MMA, Adjustable Arc Force & Hot Start.

## What's included in the box

- 204T DC HF 240V PULSE TIG Powersource
- 4 Metre earth lead
- 4 Metre TIG torch w/ Up/Down amp control
- Gas regulator & hose
- 240V 15A plug
- Owners manual

# 204T Inverter DC HF



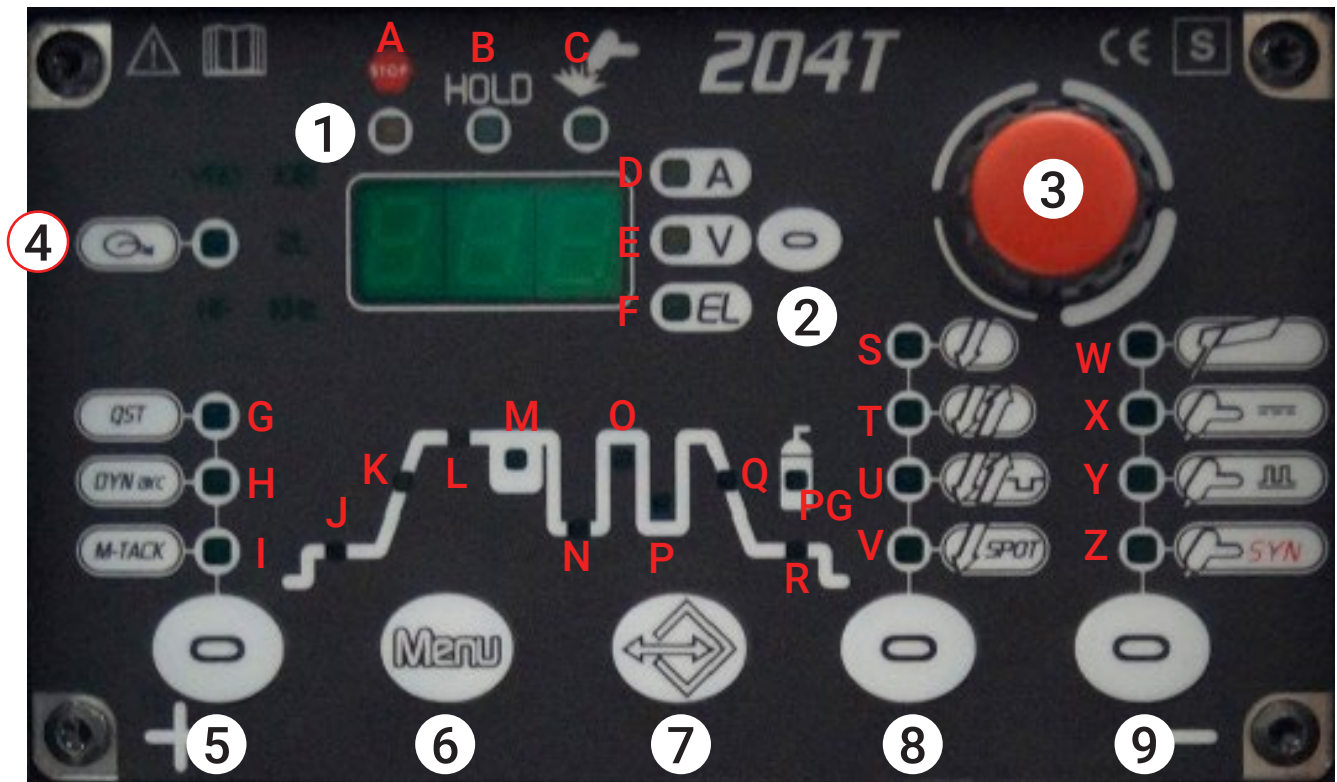
## Technical Data

Thanks to the Weldmax 204T's extremely durable body, its high duty cycle and intelligence systems, this machine provides an excellent option for small, medium and large sized welding applications.

The Weldmax 204T is suitable for the following industrial applications of carbon steels and stainless steels in areas of food processing equipment, schools and education colleges, mechanised & automated production, chemical plant maintenance and construction, shipbuilding, maintenance and repairs, machinery and mechanical engineering, electro-mechanical assembly, agricultural, air conditioning and HVAC, hydraulic fabrication and pipe welding.

### Weldmax 204T Inverter DC HF TIG / MMA

Power Supply	A	1x230Vac ± 15% @ 50-60Hz	
Mains fuse protection	A	16A	16A
Function		TIG	MMA
%Duty cycle @ 40°	%	30% 60% 100%	35% 60% 100%
Output current	A	200A 140A 130A	180A 130A 120A
Current range	A	5A – 200A	10A – 180A
OCV Voltage – VRD	V	83V – 11V	
Max – KVA	KVA	5.8	
IP	S	23	
Dimensions L x W x H	mm	400 x 160 x 260	
Weight	KG	11.49 kg	



① Lights & Indicators  
**A** - Fault Light  
**B** - Average weld setting (hold)  
**C** - Weld ready

② Lights & Indicators  
**D** - Current indicator  
**E** - Voltage indicator  
**F** - Select electrode type

③ Power Adjustment Knob

④ Digital Display

⑤ Lights & Indicators  
**G** - Quick start time  
**H** - Dynamic ARC  
**I** - Multi-tack

⑥ Lights & Indicators  
**J** - Start current  
**K** - Up slope  
**L** - Main current  
**M** - Background current  
**N** - Base pulse current  
**O** - Peak pulse time  
**P** - Base pulse time  
**Q** - Down slope  
**R** - End current  
**PG** - Post-gas time

⑦ Memory save button

⑧ Trigger Functions  
**S** - 2T Trigger  
**T** - 4T Trigger  
**U** - 2T Pulse  
**V** - 2T Spot HF weld

⑨ Process Indicators  
**W** - MMA / Stick Welding  
**X** - TIG welding standard  
**Y** - TIG welding pulse  
**Z** - TIG welding synergic

# Accessories

Weldmax has a range of accessories to make your welding tasks more efficient.





125VP



150VP



162T



204T DC



221 AC/DC



180



185



220i



225C



225DP



250i



355



380i



500i

**weldmax**



**Multi Power**