

Inverter Fusion 200 PHF Package

The single-phase 230V TIG model options offer the ultimate choice in portable DC welding inverters. Software driven the digital power source provides for programmable control of all TIG welding output parameters. Simplistic to set-up, the PHF allows for individual adjustment of pre & post flow gas times, HF or Lift Arc Start selection, start and final crater current amps, high & low pulse current adjustment, pulse frequency time, slope in & slope out times. Torch 2T & 4T switching options and full remote current control is a standard feature in the multi choice menu as is the Spot Welding timer that allows precision adjustment for repetitive spot and tack welding



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| FUSION PRODUCT SPECIFICATIONS | Fusion 200HF | Fusion 200PHF | Fusion 151HF | Fusion 151PHF |
|--------------------------------------|-------------------------------|---------------|--------------|---------------|
| Input Voltage AC 50/60Hz +/-15% | 230 | 230 | 110 | 110 |
| Typical Input Fuse Rating Amps | 22 SB | 22 SB | 40 SB | 40 SB |
| Power Transformer Rating KVA | - | - | 5 | 5 |
| Recommended Generator Rating kVA | 7 | 7 | 7 | 7 |
| MMA Power Output Amps | 20 - 180 | 20 - 180 | 20 - 120 | 20 - 120 |
| TIG Power Output Amps | 5 - 200 | 5 - 200 | 5 - 150 | 5 - 150 |
| 100% Duty Cycle @ MMA Amps | 160 | 160 | 120 | 120 |
| 100% Duty Cycle @ TIG Amps | 160 | 180 | 150 | 150 |
| Max Open Circuit Volts | 97 | 97 | 92 | 92 |
| Power Factor @ 100% | 0.71 | 0.71 | 0.71 | 0.71 |
| Efficiency @ 100% | 0.94 | 0.94 | 0.94 | 0.94 |
| Enclosure Class | IP 23 | IP 23 | IP 23 | IP 23 |
| Ambient Temperature | -10 <> +40 Degrees Centigrade | | | |
| Cooling Method | Forced Fan | | | |
| Standard | IEC 60974 CE Marked | | | |
| Warranty | 24 Months | | | |
| Weight | 9 Kg | 9 Kg | 9 Kg | 9 Kg |
| Dimensions | L365mm x H360mm x W220mm | | | |

| FUSION PRODUCT FEATURES | Fusion 200HF | Fusion 200PHF | Fusion 151HF | Fusion 151PHF |
|--------------------------------|--------------|---------------|--------------|---------------|
| Mains Power Indicator | Yes | Yes | Yes | Yes |
| Mode Function Indicator | Yes | Yes | Yes | Yes |
| Over Temperature Indicator | Yes | Yes | Yes | Yes |
| Digital Power Output Meter | Yes | Yes | Yes | Yes |
| LED Function Display | Yes | Yes | Yes | Yes |
| LCD Menu Display | Yes | Yes | Yes | Yes |
| High Frequency Start | Yes | Yes | Yes | Yes |
| Automatic Arc Force | Yes | Yes | Yes | Yes |
| Pre Gas Timer | - | 0 - 25 Sec | - | 0 - 25 Sec |
| Start Current Control | Pre-Set | 5 - 70 Amp | Pre-Set | 5 - 70 Amp |
| Up-Slope Timer | - | 0 - 15 Sec | - | 0 - 15 Sec |
| Pulse Current Control | - | 5 - 200 Amp | - | 5 - 150 Amp |
| High Pulse Timer | - | 0 - 5 Sec | - | 0 - 5 Sec |
| Base Pulse Timer | - | 0 - 5 Sec | - | 0 - 5 Sec |
| Down-Slope Timer | 0 - 15 Sec | 0 - 15 Sec | 0 - 15 Sec | 0 - 15 Sec |
| Final Current Control | - | 5 - 75 Amp | - | 5 - 75 Amp |
| Final Current Timer | - | 0 - 5 Sec | - | 0 - 5 Sec |
| Post Gas Timer | 0 - 25 Sec | 0 - 25 Sec | 0 - 25 sec | 0 - 25 Sec |
| Torch 2T & 4T Switch Control | Yes | Yes | Yes | Yes |
| Remote Current Control | Yes | Yes | Yes | Yes |
| Spot Welding Timer | - | 0 - 10 Sec | - | 0 - 10 Sec |
| Dead Man Safety Cut Out | Yes | Yes | Yes | Yes |

Package includes one 3m WP17 Tig Torch, an accessory kit and a pair of 3m ARC welding leads

Price Beat!

- If you can find the models we list at a better price, ring us now! We'll try to beat it (Proof of price required)

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Silver solder, welding curtains, gas rods, cutting & grinding discs, pickling paste, trolleys, safety footwear etc