



**INVERTER FUSION LTD**  
**DIGITAL INVERTER WELDING TECHNOLOGY**

***Fusion 151PHF DC Inverter***

- \* High quality, portable 110v, 150 Amp TIG welder with full pulse TIG welding capability - ideal for use by TIG welding engineers on sites where higher voltage machines are not permitted
- \* Up to 100% duty cycle for continuous welding
- \* Powered by planar technology for superior performance and unrivalled reliability
- \* Digitally controlled with clear displays
- \* Full MMA welding for all types of electrode
- \* Remote current control for easy adjustment in difficult to access areas
- \* Complete adjustment of both high & low level welding currents & high & low level pulse times
- \* Individual adjustment of most TIG parameters allows complete welding sequence programmes to be established
- \* Automatic sensor to ensure spontaneous shut down if the TIG arc fails
- \* SPOT mode to allow repeat tack welding applications



***Technical Specifications***

|                                  |                       |
|----------------------------------|-----------------------|
| Input Voltage AC 50/60Hz +/- 15% | 110                   |
| Typical Input Fuse Rating Amps   | 40 SB                 |
| Power Transformer Rating         | 5KVA                  |
| Recommended Generator Rating     | 7KVA                  |
| MMA Power Output Amps            | 20—180                |
| TIG Power Output Amps            | 5—200                 |
| 100% Duty Cycle @ 20°C (MMA)     | 180 Amps              |
| 100% Duty Cycle @ 20°C (TIG)     | 200 Amps              |
| Max Open Circuit Volts           | 97                    |
| Power Factor @ 100%              | 0.71                  |
| Efficiency @ 100%                | 0.94                  |
| Weight                           | 9 kg                  |
| Dimensions                       | 365mm x 360mm x 220mm |