

Order Code:  
**ZXWS-MU4-1**

**5** | YEAR WARRANTY

**INFINIUM 4 IN 1 MULTI  
PROCESS WELDER LCD 200A**

The Weld Star Infinium inverter multi process machine has been designed to incorporate the most advanced features and technology offering the operator a user friendly interface via the 5" LCD screen.

*Welding processes include:*

MIG/MAG Synergic, MIG/MAG Pulse, MIG/MAG Standard, TIG AC/DC (HF/Lift), MMA AC/DC, MMA AC/DC Pulse



PFC

Wide Range Input Voltage 95-265V

Featuring MIG Pulse Technology

AC/DC HF TIG

Synergic MIG

Colour Screen

**COMPLETE WITH**

- T240-3 3mtr MIG Torch
- T26-4 4mtr TIG Torch
- Gas Regulator
- Gas Hose
- Work Return Lead and Clamp
- Electrode Holder and Lead

**OPTIONAL**

- 2 Wheel Trolley
- Wired Foot Pedal
- Wireless Foot Pedal



## KEY FEATURES

- Advanced IGBT multi-process inverter technology which is compact and lightweight at only 20 Kg
- PFC technology offering multiple advantages such as energy efficiency and wide range input voltage from 95Vac - 265Vac
- Generator friendly
- Automatic dual voltage input detection
- Smart fan - reduces power consumption and intake of dust and fumes
- IP23 protection
- Built to EN-60974-1 and is fully compliant with the European Commission Regulation 2019/1784, CE and UKCA
- With synergic MIG/MAG, welding parameters can be automatically selected based on material thickness and voltage with synergic curves for common materials and wires
- Built in TIG welding features such as HF or Lift TIG, pre/post flow gas times, 2T/4T, slope up/down and pulse, all to ensure excellent TIG welding characteristics in both AC and DC
- Smart TIG function with advanced TIG welding features such as multi-wave, Q start and hybrid TIG, whilst still maintaining ease of set up for the user
- DC and AC MMA suitable for a wide range of electrodes
- Advanced MMA features such as pulse and automatic current regulation based on electrode diameter
- Built in hot start arc ignition function which ensures excellent arc ignition in MMA for easier and more reliable arc starting with built in self adaptive arc force technology which maintains the optimum MMA arc conditions during operation even with long welding cables
- In-built VRD
- Ability to save up to 10 stored programmes for quick set up
- Advanced error code menu for ease of fault and troubleshooting diagnosis
- Panel mounted USB connection for quick and easy firmware updates
- Available with a range of accessories including on torch remote, foot pedal and 2 wheel trolley

## TECHNICAL DATA - WS-MU4-1

Input Voltage	AC110V ±15% 50/60Hz	AC230V±15% 50/60Hz
I <sub>eff</sub> (A)	MIG <b>17.5</b> TIG AC <b>16</b> / DC <b>16</b> MMA AC <b>18.2</b> / DC <b>19.7</b>	MIG <b>14</b> TIG AC <b>10</b> / DC <b>11</b> MMA AC <b>15</b> / DC <b>17</b>
Input Power (kVA)	<b>4.5</b>	<b>7.5</b>
Current Range (A)	MIG <b>10 - 140</b> MMA <b>5 - 130</b> TIG <b>10 - 160</b>	MIG <b>40 - 200</b> MMA <b>5 - 200</b> TIG <b>5 - 200</b>
No-Load Voltage (V)	MIG <b>72</b> MMA <b>75</b> TIG <b>14</b>	
Duty Cycle @ 40°C	<b>200A @ 25%</b>	
Efficiency (%)	<b>85</b>	
Idle State Power (w)	<b>30</b>	
Power Factor	<b>0.99</b>	
Protection/Insulation Class	<b>IP23/H</b>	
Wire reel weight/spool size	<b>5kg / 200mm</b>	
Dimensions (LxWxH mm)	<b>660 X 210 X 330</b>	
Weight (Kg)	<b>20</b>	