

# Tube Master 200

## Technical specification

|                                    |                                |
|------------------------------------|--------------------------------|
| Type                               | Inverter                       |
| Welding current                    | 5–200A                         |
| Duty cycle                         | 200A 60%/155A 100%             |
| Floating voltage                   | 42V                            |
| Main power supply                  | 220 ± 10% 50/60Hz              |
| Max power                          | 6KVA                           |
| Insulation/Protection              | F/IP215                        |
| Working environmental temperature  | –10°C – +40°C                  |
| Transportation & store temperature | –25°C – +55°C                  |
| Cooling type                       | Air/Air or water               |
| Screen                             | 10.4" color touch screen       |
| Control function                   | Gas/Current/Rotation           |
| Max program numbers                | 999                            |
| Max sections                       | 20                             |
| Printer                            | Integrated printer             |
| Cooling tank capacity              | 1.6L                           |
| Dimension/L X W X H (mm)           | 458 X 350 X 247                |
| Weight (without coolant)(kg)       | 17.8kg                         |
| Manufacturing standard             | GB15579.1 – 2013, IEC60974/IEC |



## Summary

Tube master 200 welding power source is designed and manufactured according to advanced technology by Huaheng Welding. The power source adopts industry-leading inverter control technology and equipped with extra-large color touch screen as user's interface. This power source is developed and manufactured with our 20 years' experience having the advantages as advanced, digital, easy-to-operate, intelligent, flexible and stable. The PLC controlling system combines with touch HMI achieve centralized setting and storage of the parameter and DSP synchronized controlling. Besides, it offers accurate current output, rotation and shielding gas control. Tube Master 200 is specially designed for thin wall thickness tube to tube welding, and widely used in chemical industry, food industry, pharmaceutical industry, electronical tubing, heat exchanger and etc. It's compatible with all Huaheng TC series welding head.

## Features

- Six operation interfaces: Working status, programming, settings, files, library and help
- Welding parameter automatic calculating, convenient thin wall thickness tube to tube welding parameter match.
- Expert database, automatically generate welding parameters for different tube OD and thickness.
- Perfect trouble shooting and error code display, reasonable modular design, easy for maintenance.
- Import/export welding programs by USB driver, easy to switch between different programs.
- Memory function for parameter adjusting, can achieve online real-time memorizing parameter adjustment, convenient for comparison between parameters before and after adjustment.
- Welding current and rotation speed can be adjusted while welding to achieve special requirement of some welding seam.
- Online and USB driver upgrade function and offline programming function.