

# 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	6KW
Insulation/Protection	IP20/IP21S
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	GB1519.1 - 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, electrical 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.

HUAHENG



8102021 140526X

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**HUAHENG**  
KUNSHAN HUAHENG WELDING CO., LTD.

Add: No.1588 Baohi Road, Kunshan, Jiangsu, P.R.China PC: 215300  
Tel: 0512-81866666 Fax: 0512-57328888  
www.huahengweld.com E-mail: info@huahengweld.com