



Tube Master 200 Digital Welding Power Source And TC Series Closed Welding Head

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: HUAHENG
- Model Number: M200+TC Series



Product Specification

- Welding Current: 5~200A
- Duty Cycle: 200A 30%, 110A 100%
- Floating Voltage: 60V
- Max Power: 4.2KVA
- Insulation/Protection: F/IP21S
- Cooling Type: Air Or Water
- Weldable Material: Carbon Steel, Stainless Steel, Titanium Alloy
- Highlight: **Digital Welding Power Source,
TC Series Closed Welding Head**

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Product Description

Description

Tube Master 200 digital welding power source is an automatic program-controlled welding power source designed and manufactured by Huaheng Company with advanced technology. The welding power source adopts the new inverter power supply and control technology in the welding field, and is the first in the industry to use a large color touch screen as the human-machine interface, which is advanced, digital, easy to operate, intelligent, expandable, and reliable.



The welding head is specially designed for orbital automatic tungsten arc welding (without welding wire) for the butt joint of various pipe fittings. Before welding, the sealing cavity is filled with protective gas to ensure that the welding seam is well protected. According to customer requirements, we can customize the compound fixture within the pipe diameter range. This fixture system can ensure the precise positioning of the welded parts without the need for positioning spot welding, thus providing customers with high-efficiency and high-quality special welding guns. This machine can be used with Tube Master 200, iOrbital 4000, and iOrbital 5000 program-controlled welding power sources, and can precisely realize all-position TIG tube/tube welding, with high reproducibility of welding results and ideal welding outcomes.



Technical parameter

Tube Master 200 Welding Power Source							
Power Type:	Inverter						
Welding Current:	5~200A						
Duty Cycle:	200A 30%, 110A 100%						
Floating Voltage:	60V						
Max Power:	4.2KVA						
Insulation/Protection:	F/IP21S						
Cooling Type:	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(mm):	458x350x247						
Weight:	17.8kg						
TC Series Welding Head							
	TC26	TC36	TC76	TC156	TC-2	TC-3	TC-4
Weldable material	Carbon steel, stainless steel, titanium alloy	Carbon steel, stainless steel, titanium alloy	Carbon steel, stainless steel, titanium alloy	Carbon steel, stainless steel, titanium alloy	Carbon steel, stainless steel, titanium alloy	Carbon steel, stainless steel, titanium alloy	Carbon steel, stainless steel, titanium alloy
Weldable pipe diameter(mm)	Φ6~Φ22 (1/4"~7/8")	Φ6~Φ32 (1/4"~1 1/4")	Φ19.05~Φ63.5 (3/4"~2 1/2")	Φ50.8~Φ168.3 (2"~65/8")	Φ12.7~Φ50.8 (1/2"~3")	Φ19.05~Φ7 (3/4"~3")	Φ38.1~Φ101.6 (2"~4")
spinning speed(rpm)	0.6~12	0.3~6	0.2~6	0.06~1.2	0.24~4.8	0.2~4	0.095~1.9
Protective gas	Argon	Argon	Argon	Argon	Argon	Argon	Argon
cooling method	water cooling	water cooling	water cooling	water cooling	water cooling	water cooling	water cooling
Cooling flow(ml/min)	≥300	≥300	≥300	≥300	≥300	≥300	≥300
Rated current	60A duty cycle 60%	65A duty cycle 60%	75A duty cycle 60%	100A duty cycle 60%	75A duty cycle 60%	75A duty cycle 60%	100A duty cycle 60%

Main dimensions(mm)							
A	80	98	145	295	135	160	195
B	40	47	72	150	65	79	97
C	40	41	43	61	38	38	57
D	340	360	412	630	426	453	497
weight(kg) (without cable)	2.0	2.0	3.0	10.5	2.5	3.5	6.0
Dimensions(mm)	340x80x40	360x120x41	412x165x43	630x330x61	426x155x38	453x177x38	497x230x57



