

Panasonic

Welding Machine
Robot
Laser Welding System

Full Digital Controlled DC TIG Welding Machine

200BL3

www.CraftSkill.co

Full Digital Controlled Welding Machine

FULL DIGITAL

**Ultra-thin
and light-weighted
structure!
Best for field use**

Portable
The mass of
the power source
10kg



Panasonic pursues **Only one** in welding

Craft Skill Co.,Ltd.

Tel.0-2894-1750

Easy-to-use operation

Full digital control makes the combination of high performance and simple operation happens.

All operations can be done by turning one large dial and pressing three buttons.

- Digital display (For presetting and output values)
- Welding procedure indicators
- Welding condition selecting button
- Dial (For setting adjustment)
- Concise operation panel
- Crater treatment and pulse function
- Mode selection button (Replay/Record/Detail/Stick)
- Welding parameter storage (nine groups can be stored and recalled.)

Full digital control ensures high welding quality.

Through full digital control, the precious setting, representation and management of welding parameters can be realized. The arc ignition can be well controlled. The increment of 1A is achievable.

Standard DC pulse function

The pulse frequency adjustment range is as wide as 0.5 ~ 500Hz, adapting different welding condition and realizing quality welding.

Pulse frequency (1.0Hz)

Butt joint, SUS304, 2.0mm
Welding current: 50A, pulse current: 150A

For all position welding and back penetration welding. The plates with different thicknesses can be well welded together.

Pulse frequency (500Hz)

Butt joint, SUS304, 0.5mm
Welding current: 5A, pulse current: 20A

The concentration and directivity can be enhanced. Low current for thin plate

Arc tack welding

The timer can be adjusted from 0.1 to 5.0s (0.1s increment). The uniform and consistent spot with constant penetration is obtainable.

Previous model (Without arc tack function)

Butt joint, SUS 304, 1.0mm
Welding current: 100A, no timer

200BL3

Butt joint, SUS 304, 1.0mm
Welding current: 100A, timer: 0.7s

Easy to carry for field use

Portable
The mass of the power source is **10kg**

It's OK to storage machine by stacking them horizontally in three layers.

The rotary metal supporter against rolling over

- Portable
Although the strong sheet metal structure is used, the mass is only 10kg. The machine can be carried just like a briefcase.
- Wide rated voltage range 220V ±15% (170~253V)
- A rotary metal supporter against rolling over is equipped.
- Electric shock prevention function (For stick welding)
- Arc force function can prevent stick from sticking on the workpiece (For stick welding).

Nine channels of welding parameters can be stored and recalled.

The uniformed welding conditions and stable welding quality are assured.

Rated specifications

Models		YC-200BL3
Rated Input Voltage	--	220V 50/60Hz
Number of Phase	phase	1
Rated Input Capacity	kVA	7.3
Rated Input Power	kW	4.8
Rated No-Load Voltage	V	71
Weld Current Range	TIG A	5 ~ 200
	STICK A	5 ~ 150
Weld Voltage Range	TIG V	10.2 ~ 18
	STICK V	20.2 ~ 26
Initial Current	A	5 ~ 200
Pulse Current	A	5 ~ 200
Crater Arc Current	A	5 ~ 200
Rated Duty Cycle	%	20
Control Method		IGBT Inverter
Cooling Method		Forced air-cooled
High Frequency Generator		Spark Generator
Gas Pre- After-Flow Time	s	0 ~ 25 (0.1s increment)
Up-slope Down-slope Time Adjustable Range	s	0 ~ 10 (0.1s increment)
Arc-spot Time Adjustable Range	s	0.1 ~ 5 (0.1s increment)
Pulse Frequency Adjustable Range	Hz	0.5 ~ 500
Pulse Duty Ratio Adjustable Range	%	50 (fixed)
Crater Arc Control Methods		ON / OFF
Store channel		9 channels
Dimension(W×D×H)	mm	95×450×295
Weight	kg	10
Insulation Class		200°C
EMC		A class
Enclosure Class		IP21S

Standard configuration

Welding power source	Welding torch	Gas regulator
YC-200BL3	YT-158T YT-208T	YX-25AJ1

! Safety precautions ● Before attempting to use any welding product, always read the manual to ensure correct use.

Panasonic®

Craft Skill Co.,Ltd.

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