

Full Digital 300BP4

Full Digital AC/DC TIG Welding Machine

Makes Aluminum Welding Easy and High-Quality.

30 to 400 Hz AC output changes aluminum welding.

High Welding Performance

AC output adjustable from 30 to 400 Hz.

- Allows you to weld like an expert.
- Makes difficult fillet welding and filler wire feeding easy.
- Improves arc concentration to prevent burn through or make to tack welding easy.

120 Hz

Multi-pass, butt



Material: Aluminum (A5052)
Plate thickness: 8.0 mm
Current: 180 A to 200 A
Speed: 10 cm to 20 cm/min.

400 Hz

Fillet (tack weld of thin plates)



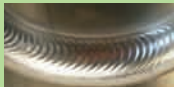
70 Hz (conventional analog machine)



Material: Aluminum (A5052)
Plate thickness: 1.0 mm
Current: 110 A
Welding time: 0.5 sec.

Easily weldable. Burn-through often occurs.

Circumferential, fillet



Material: Aluminum (A5052)
Plate thickness: 3.0 mm
Base current: 140 A
Peak current: 260 A
Speed: 38 cm/min.



300BP4

AC
TIG

DC
TIG

DC
Stick

Weld
Navigation



Expert mode for welding experts.

Drooping characteristic changes the weld current according to the torch height.

Easy Operation

Welding Navigation determines the optimal welding parameters.

Rich and customizable database

- More than 100 sets of welding parameters are contained.
- You can change and store the parameters to fit your needs.

Preset/Actual
weld current

Parameters
(s/Hz/%/V)

Alphanumeric
characters
or Symbols

Jog dial
(settings of parameters
and others)

Standard

- DC TIG
- AC TIG
- MIX TIG

New Functions

- DC stick
- Welding Navigation

Expert

- New Functions
- DC TIG
- AC TIG



Allows naming welding
parameters in
alphanumeric
characters.

Store/Recall

- 50 channels
- Name: Existing channel numbers
- New Functions
- Name: Up to 16 alphanumeric characters or symbols

Control Panel of 300BP4