

Full Digital 350GZ4

Full Digital CO₂/MAG Welding Machine

High
Performance
Model

CO₂/
MAG

Stainless
MIG

Delivers a Revolutionary CO₂/MAG Welding Process.

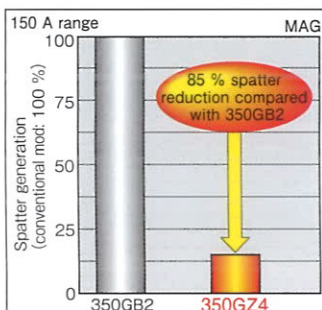


High Welding Performance

SP-MAG

(Superimposition Control)

Low-spatter MAG process for thin plates
using mixed gas!

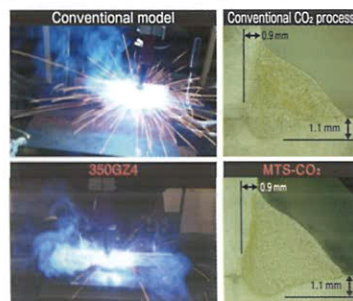


- Greatly reduced spatter.
- Higher welding speeds.
- Exceptional bead appearance.

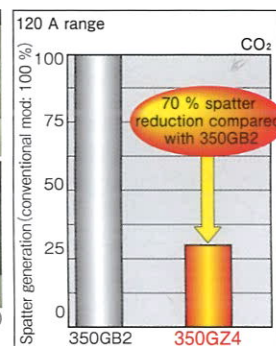
MTS-CO₂

(Metal Transfer Stabilization Control)

"MTS control" reduces spatter of CO₂ gas
welding and takes advantage of its constant
pan bottom-shaped penetration.



• Joint: Fillet • Base Metal: Mild Steel SPCC (1.2 mm/120 A)
• Weld Speed: 0.3 m/min • Weld Wire: YGW12 (1.2 mm dia)
• Shielding Gas: CO₂



Full Digital 350GB2

Full Digital CO₂/MAG Welding Machine

Superior Welding Performance.



Remote
Controllers for All
the Settings

CO₂/
MAG

Stainless
MIG

Standard Type
YD-00DER1

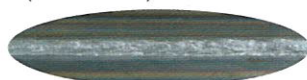
Direct Type
YD-00DET1

*Parameter settings directly
accessible with one button

High Welding Performance

Stable welding quality over a wide current range.

- High-precision Full Digital waveform control allows stable welding over a wide current range of 30 A to 350 A.
- Welding conditions can easily be reproduced anytime, anywhere.
- Greatly improved low current welding for thin metals (50 to 120 A)
- Stable welding quality achieved in the medium current range (200 to 250 A)



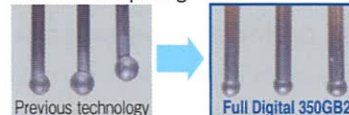
• Joint: Fillet
• Workpiece: 1.0 mm mild steel
• Weld current: 80 A
• Weld voltage: 18 V
• Wire diameter: 1.2 mm
• Shielding gas: CO₂



• Joint: Fillet
• Workpiece: 0.9 mm mild steel
• Weld current: 230 A
• Weld voltage: 23.6 V
• Wire diameter: 1.2 mm
• Shielding gas: CO₂

- Stable and smooth arc starting with FTT control.

Wire end sharpening



Versatile welding system

- Stable stainless steel welding.
- Arc spot welding.
- Compatibility with 12 kinds of wires.

Wire diameter	Mild steel		Stainless steel	
	Solid	FCW	Solid	FCW
0.6mm	○	○	○	○
0.8mm	○	○	○	○
0.9mm	○	○	○	○
1.0mm	○	○	○	○
1.2mm	○	○	○	○

○: Capable of
△: Optional unit YX-06DV2
required

※ This is a condition table
for welding power source
contains.

Convenient Feature

- Compact, lightweight and space saving welding machine.

