

# Full Digital 350VR1

Full Digital CO<sub>2</sub>/MAG Welding Machine

CO<sub>2</sub>/  
MAG

Stainless  
MIG

## Improved Arc Control in All Current Ranges

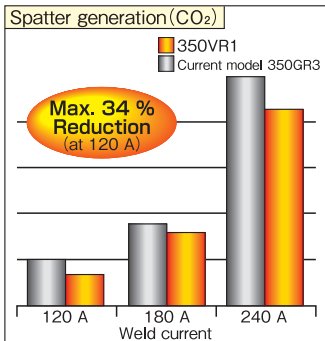
High welding performance. Various functions.

350VR1YU1



Made in Japan

Improved arc control in all current ranges achieves stable arc.



Weld current	Bead appearance (350VR1)
120 A	
180 A	
240 A	

- Joint: Fillet
- Material: Mild steel (SPCC)
- Weld speed: 50 cm/min
- Wire size: 1.2 mm
- Shielding gas: CO<sub>2</sub>

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- Spatter reduction
- Stable bead

Effective in all current ranges.

"Weld Navigation." for Weld Parameters



Same algorithm as TAWERS robot welding system with integrated power source.  
Shorter parameter setting time.

**STEP 1** Activate Weld Navigation.

**STEP 2** Set weld conditions.

**STEP 3** Welding parameters are set automatically\*.

ENTER button

Dial 2

LCD

JOINT SELECT  
→ 1.FILLET ?

THICKNESS 1  
→ 1.5 mm ?

THICKNESS 2  
→ 2.3 mm ?

WELDING SPEED  
→ 0.5 m/min ?

Start welding!

Interchangeable with Peripherals for 350GR3

Interchangeable	350VR1	350GR3
Welding power source	350VR1	350GR3
Wire feeder	YW-35DG2 YW-35DG2CA0	YW-35DG1 YW-35DG1CA0
Remote controller	YD-35GRR1 (standard)	YD-35GRR1 (with 5 memory recall function)
Torch	YT-CS4/CE4 series	
Gas regulator	YX-25AD1	

Peripherals for 350GR3 are also supported.