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.

Superior Welding Performance.

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

Remote Controllers for All the Settings

- Standard Type YD-00DER1
- Direct Type YD-00DET1

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

Convenient Feature
- Compact, lightweight and space saving welding machine.

 Stable and smooth arc starting with FTT control.
 Wire end sharpening

This is a condition table for welding power source contains.

- Capable of
- Optional unit YX-06DV2 required

Previous technology

Full Digital 350GB2