PRO SPOT
QUALITY WELDING SYSTEMS

DOUBLE PULSE MIG WELDER

SP-1 DP



PRODUCT OVERVIEW

The Pro Spot SP-1 Double Pulse is a versatile, ultra-portable welding system engineered for high-performance MIG, TIG (optional), and MMA/stick applications. Operating on a 208–240VAC / 30A single-phase power supply, the machine incorporates advanced pulse technology specifically optimized for precision welding on aluminum and stainless steel.

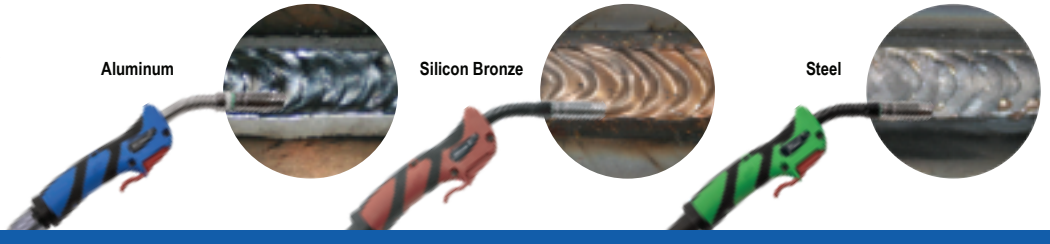
KEY FEATURES & OPERATIONAL ADVANTAGES

- **Double pulse technology** combines high- and low-frequency welding pulses for deep penetration, precise heat control, and superior weld quality.
- **Multi-Metal Capability:** Utilizes a single wire spool compatible with aluminum, silicon bronze, and steel wires.
- **Intelligent Synergic Control:** Features auto-switching software, pre-set synergic curves, and built-in synergic programs for quick and accurate setup.
- **Streamlined Architecture:** Eliminates the weight and complexity of bulky spool guns or push-pull systems.
- **Precision Arc Fine-Tuning:** Offers customizable weld settings, anti-sticking protection, line voltage compensation, post-gas control, and adjustable hotstart and arc force.

TECHNICAL SPECIFICATIONS

Input Voltage:	Double Phase 208 - 240VAC 30A 50/60 Hz
Amp/Volts Min - Max:	MIG - 20A/15V - 200A/24V
Protection:	IP 22
Cooling:	Fan Cooled
Insulation:	H
System Dimensions:	27" x 11.5" x 15.5"
System Weight:	53lb (24kg)

The SP-1 DP has 1 wire spool that can be used for Aluminum, Silicon Bronze or Steel.



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BRO-SP-1-DP Rev A

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