WS500 8 Program weldtimer



The WS500 is a high accuracy resistance welding timer intended for use in conjunction with almost any type of resistance welding machines. The user programming is very simple using a built-in tactile keypad in conjunction with an back lit LCD. The timing is controlled and set in terms of one cycle increments based on the supply frequency (50 or 60 Hz). The WS500ms provides eight programs and a versatile range of functionality as shown overleaf.

The WS500 controller is designed for use in most resistance welding applications including Spot, Seam, Projection, Micro-welding and simple Automation. Because of its highly compact construction it lends itself to integration into customer

control cabinets and retro- fits, as well as completely self-contained resistance welding control applications.

The control has a very thin profile and hence they lend themselves to door mounting. Connections to the units are plug-in, resulting in a change over time of just a few minutes. For full functionality please see next page.

WS500 Applications:









Spot

All types of spot welding, including single, repeat, pulsation, single electrode, multi-electrode, and series welding.

Projection

All types of projection welding including multi-projection, annular-ring (spud), single projection and weld nut, including multi-electrode management and dressing.

Seam

All types of seam welding, including continuous, pulsation and wire.

Roll-Spot

Most types of roll – spot welding.

Pulsation

Pulsation welding for thick materials

Micro-Welding

Alternate half-cycle welding for very low power application.

Multi-weld and Cross Wire

Simple multi-welding, low cost and small size allows one control per transformer.

Headline Features:

Standard features: Up to 8 Programs, single gun, double pulse weld sequence, 4 Inputs, 4 Outputs.

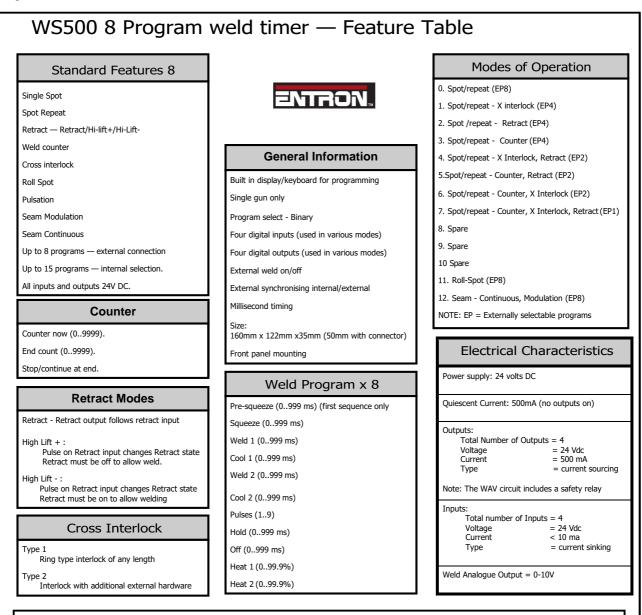
Welding Types:	Spot, seam, projection, cross wire, multi-welders, micro-welding and simple automation.
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Construction: Very compact, door mounting with plug-in two-part terminal blocks.

- **Programmer:** Built in LCD display and touch sensitive keypad.
- **Power Supply:** Separate external power supply required, provided at extra cost 24 volts DC.

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Advanced Resistance Welding Control Systems