



WeldComputer

The WeldAware™ Monitor: A New Type of Resistance Welding Monitor

WeldComputer Corporation's new economical and easy-to-use WeldAware™ Monitor is designed to warn a resistance welding operation if key welding parameters drift beyond specified limits. Now every welding business can afford protection from the type of process variation that can damage parts and destroy profits.

The WeldAware™ Monitor provides features that are normally found in the most expensive resistance welding monitors.

Full monitoring capability.

The basic WeldAware™ Monitor checks

- secondary current profile
- secondary voltage profile
- secondary resistance profile
- secondary power profile
- kiloAmp-seconds
- kilowatt-seconds
- weld time

It can be upgraded to include pressure or force monitoring.

Works with any welder.

The WeldAware™ Monitor will work with

- spot welders
- projection welders
- seam welders
- 50 or 60Hz AC or DC welders
- frequency converter welders
- inverter welders
- cap discharge welders

Easy to set up and use.

The WeldAware™ Monitor is the easiest-to-use monitor on the market today. Simply turn the key to "Teach" while welds are being made. When the green light turns on -- normally after one or two welds -- turn the key to the "Operate" position and the monitor establishes upper and lower limits. Any time that a subsequent weld exceeds the established limits, the monitor's red light will turn on until the reset button is pushed. A key lock is supplied to assure the integrity of the limits.

Versatile siting.

The WeldAware™ Monitor is packaged in a protective enclosure, requires 50/60Hz 110/240VAC power, and can be located any practical distance from the welding head being monitored. It is very compact (9 5/8" long X 6 1/4" high X 3 1/4" deep), very lightweight (approximately 4 pounds), and it has a flange for secure mounting of the enclosure with screws.

