



WeldComputer

The Technology Leader in Resistance Welding

Made in the USA

The WeldView[®] Monitor for Resistance Welders

The WeldView[®] Monitor for resistance welders provides a comprehensive and cost effective means of ensuring the integrity of every welded product. More than a thousand separate checks are performed on every production weld to verify the performance and repeatability of the process.



During each weld, Voltage, Current, Conductance, and Power profiles are automatically monitored. Force and Displacement profiles are available options to provide the most comprehensive weld quality monitoring. Any failed check results in an immediate alarm to alert production. The monitor records all data for future proof of weld quality without affecting production throughput.

- Instantly measure the consistency of every weld.
- Reduce or eliminate destructive testing.
- Identify weld anomalies as they occur and stop the process.
- Record all data for future proof of weld quality.
- Identify set-up problems and machine malfunctions immediately.
- Rapidly determine optimum heat and time settings to use in production.
- Reduce scrap and save money.

The standard WeldView[®] package can monitor spot, projection and seam welding processes. Options are available to monitor large seams in excess of 60,000 Half-Cycles. Optimized configurations specifically for capacitive discharge welders and flash welders are also available to monitor those processes as well.

Other available options include:

- Multi-Channel to monitor multiple welding heads
- External function selection to integrate with automation equipment such as PLC's
- High speed networking to allow transfer of large amounts of data without affecting production throughput

The WeldView[®] Monitor is packaged in an industrial hardened NEMA 12 enclosure with robust connectors for long-term protection against hostile shop environments.

Millisecond by millisecond monitoring and data capture of each weld