

ON-SITE SERVICE

Resistance Welding Evaluation

Identify resistance welding problems and find optimal solutions for your business

WeldComputer has decades of experience analyzing resistance welding operations and implementing practical solutions to the production problems manufacturers face. During a typical two-day, on-site evaluation, our team brings advanced monitoring equipment into your facility to rigorously assess your operation — then delivers clear actions to prevent bad welds, improve quality and reduce downtime.

Why an On-Site Evaluation:

- **Stop shipping bad welds**

Uncover the root causes of defects before they reach your customers, protecting your quality reputation and avoiding costly returns.

- **Cut downtime and scrap**

Quickly learn whether a problem comes from the machine or the part, so you fix the real cause fast and keep production running.

- **Get a proven plan for success**

Receive clear, prioritized actions demonstrated on your machine(s) and presented for every level of your team.

WHAT TO EXPECT

Plan for a two-day visit. You'll provide a few hours of uninterrupted machine access when out of production, plus basic support such as metal pieces, insulating blocks (phenolic or nylon), simple machining, and mounting hardware as directed.

PROBLEMS WE HELP IDENTIFY & SOLVE

- Bad welds passing undetected
- Inconsistent weld quality
- Electrode flattening & wear
- Excessive machine downtime
- Friction or binding in the ram
- Machine-vs-part process shifts

What you'll learn working with us:

- ✓ Check a machine's electrical and mechanical health in the time of a single weld
- ✓ Detect excessive friction or binding in the electrode/ram assembly that hurts production
- ✓ Catch a process shift the moment it happens, so you stop making questionable welds and avoid the losses that follow
- ✓ Quickly determine if the cause of a process shift is attributed to the machine or to the part so you can pinpoint and correct it to prevent downtime
- ✓ Rapidly determine the optimum heat and time settings to use for production without the need to perform multiple destructive tests
- ✓ Instantly measure the consistency of every weld without performing destructive tests that waste material and slow down production

Schedule your on-site evaluation

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