



From Battery to **Better**.

Quality inspections and process optimization
for your battery production.

More Power Requires More Inspections.

In the field of electromobility, batteries of the future are requiring greater demands. As these demands grow, so does the pressure in all areas of manufacturing. Modern batteries for powerful electric drives must be designed, developed, and built in a world with many ideas still in their infancy. Yet the objectives are clear: a more compact design, more power, a greater operating range, and a longer life expectancy. It's good that you can rely on an experienced partner like VITRONIC to help you meet these demands.

Our core competency lies in our ability to look at things closely. For over 35 years, we have been experts in automated optical inspection. We look at each part closely and if there is a defect, we'll find it.

As a partner to the automotive industry for many years, we provide optical inspection solutions that can be integrated into complex production processes for quality assurance. This expertise is something built in to our new, intelligent solutions for all critical areas of cell and battery production. This is how we can help make your battery a better.



>35

years of experience



100

percent objective

End-to-End and Without Compromise.

From the coating process used in electrode production, to cell assembly or module assembly and packaging, even the smallest deviations impact quality everywhere, and in turn, the profitability, safety, and sustainability of your battery production. Typical visual inspections are simply not enough. Too often the results are not reliable because of human unpredictability or external influences and are therefore neither objective nor comparable. VITRONIC's optical inspection systems inspect 100 percent of all components without compromise—and inline at that, so they do not slow your production. VITRONIC systems use comprehensive data throughout the entire battery production process to help you improve your processes and create and strengthen a real competitive advantage.

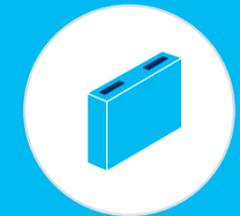
We'll Keep an Eye on Your Batteries. Or Two. Or Three.

Inspections of surfaces, geometries, and seams – our systems keep a close eye on points that are critical. VITRONIC has the right solution that is easy to integrate into all the relevant stages of cell and battery production.



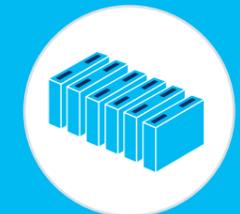
Cell components

Automation/surface inspection



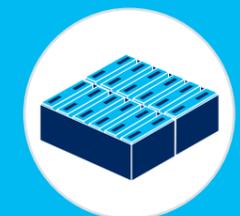
Cell module

Automation/surface inspection/
weld seam inspection



Battery module

Automation/surface inspection/
weld seam inspection



Battery pack

Automation/weld seam inspection



Set New Standards in Battery Production With VITRONIC.

- + Optical inspection
in your production line
- + 24/7 availability
- + 100 % traceability
- + 100 % objective
- + Valuable pool of data for long-term
process improvements
- + Years of experience
in the automotive industry

Visit us at www.bettery-now.com
and get a whole lot more out of your
battery production.