

Acerta

Predictive quality for injection molding with LinePulse

We are Acerta

Forged from industrial experience and driven by data science, Acerta assists automotive part manufacturers in their digital transformation by providing actionable insights from their manufacturing and product data.



We created LinePulse

LinePulse uses machine learning and artificial intelligence (ML/AI) on data generated during manufacturing processes such as injection molding, infrared welding, and assembly and test. It uses traditional analysis like SPC along with advanced analytics only possible with ML/AI technologies.

Predictive quality for injection molding

Use LinePulse to enhance your data understanding throughout the injection molding process. LinePulse can detect potential issues with unique combinations of machine signals to reduce the risk of defects.

Prepare your data quickly and easily



- Set up your facility in hours, not days
- Automate the collection of critical injection molding data

Visualize end-to-end processes



- Connect data from different systems and machines
- Automate generation of capability metrics

Put your data to work



- Receive alerts so you can address issues before scrap occurs
- Test tighter control limits virtually

Move to operational excellence



- Analyze the root causes of issues
- Gain a holistic approach to continuous quality improvement





Reduce scrap and increase efficiency in injection molding

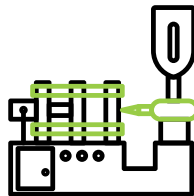
Take control of quality

Process issues and equipment downtime can negatively impact the bottom line. For example, if the molds are partially filled and fail to eject properly, stopping the machine to manually clean out the wasted plastic is time-consuming, costly and unsafe. LinePulse provides you with actionable insights to minimize these risks.



Identify potential issues before scrap occurs

Monitor for abnormalities in real time and send alerts



See automated quality capability metrics

Get SPC and machine learning insights on one dashboard



Understand your data and make data-driven decisions

Identify the origin of complex process issues

Gain new insights into your process

LinePulse can connect multiple IMM systems, allowing operators to have greater control over processes in the facility. Data can be automatically loaded with typical protocols such as OPC Gateway. With the LinePulse dashboard, it is possible to test alternative control limits virtually without altering production. This allows maximum control over process efficiency.

LinePulse helps you detect and understand anomalies in your injection molding or infrared processes in real time, so you can act proactively. Take full control of your quality today.

[Click to learn more about LinePulse at acerta.ai](https://acerta.ai)

