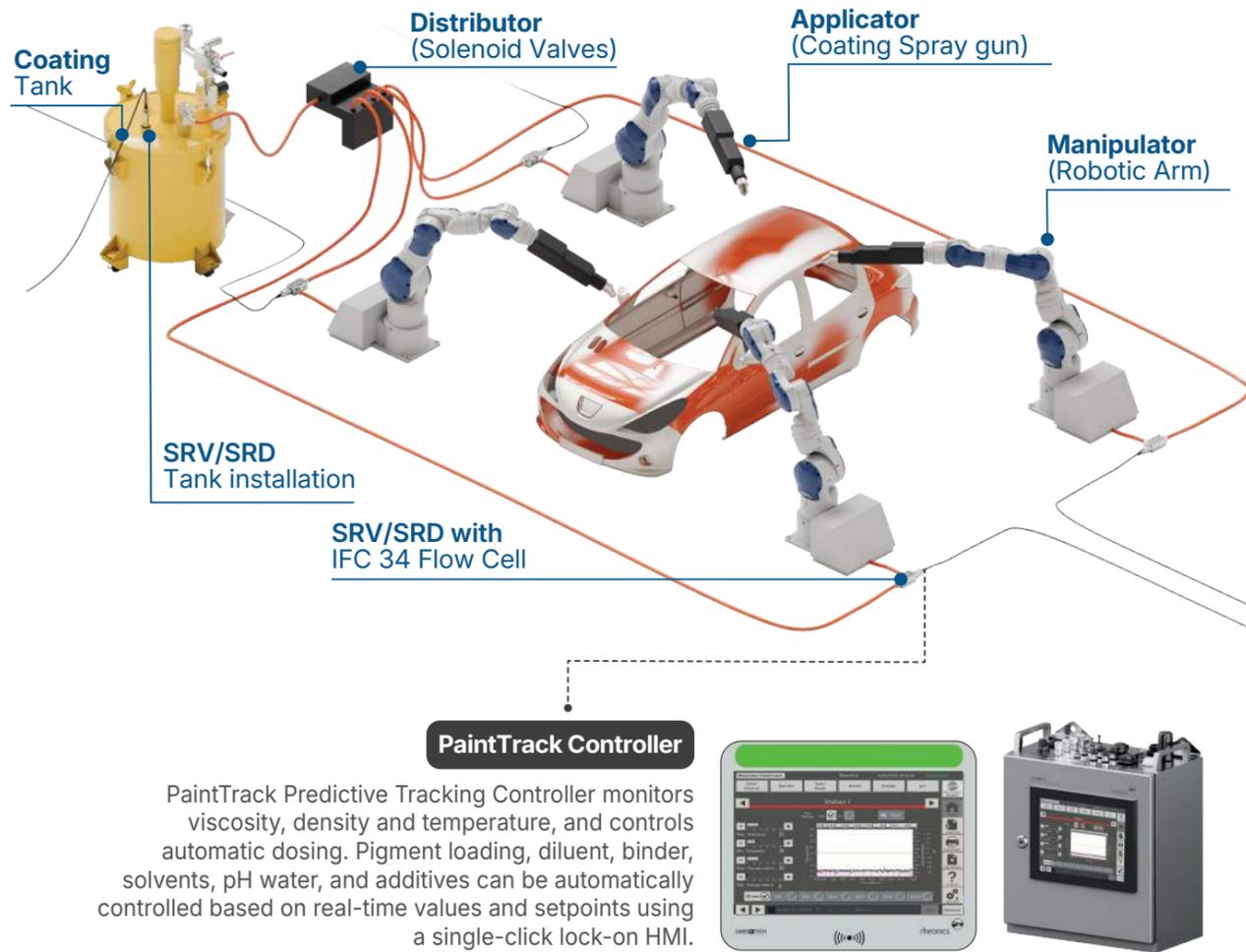


**Complete Coating Production Ecosystem:**  
Monitoring and Control



**PaintTrack Controller**  
PaintTrack Predictive Tracking Controller monitors viscosity, density and temperature, and controls automatic dosing. Pigment loading, diluent, binder, solvents, pH water, and additives can be automatically controlled based on real-time values and setpoints using a single-click lock-on HMI.



Ready to optimize your Coating Production performance?  
**Request your quote today to maintain full control over your Coating Production ↓**



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# Precision in Coating Production

Achieve unmatched product quality and efficiency with real-time, inline viscosity and density management for flawless coating production.

- Paints
- Inks
- Epoxy
- Polyurethane
- Specialty Coatings



## Real time Inline coating viscosity and density tracking and control

### Industrial Challenges

Paint viscosity is the critical parameter that dictates the quality, consistency, and efficiency of any coating process. It governs how well the paint flows, atomizes, and forms a uniform film on the target surface.

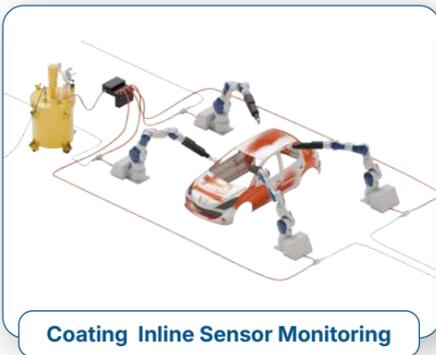
Inaccurate viscosity leads to costly quality issues such as orange peel, sagging, poor transfer efficiency, and inconsistent film thickness. This requires precise viscosity control to ensure flawless application and repeatable, high-quality results.

Relying on manual tools like viscosity cups provides only a snapshot in time and is highly prone to operator error. This inconsistency results in a reactive approach to process control, leading to wasted material and non-productive time (NPT).

Rheonics sensors enable the automatic adjustment of paint viscosity before the point of application, ensuring perfect and consistent material properties from the beginning to the end of every production batch.

### Rheonics Solution for Coating Production

To transform the challenges of coating quality into efficient and sustainable processes, Rheonics offers a complete platform for fluid monitoring and control. Our advanced sensors provide continuous, real-time viscosity and density measurements, allowing us to provide an integrated system that includes:



### Key Benefits of Rheonics monitoring

**Optimize Coating and Reduce wastage of pigment and binders**

**Higher Operator Trust**  
Eliminates manual measurement

**Completely Automate**  
Clears the way for complete automation eliminating human error



**Rugged sensor probe for tough environments**

**Efficient operations**  
Reduction in man hours by 40%

**Reduced costs**  
Automated control cuts labor, downtime, and fluid waste

## Type-SR sensors for Coating Industry

rheonics  
**SRV**  
for inline process viscosity & temperature measuring



rheonics  
**SRD**  
for inline process viscosity, density & temperature measuring



- **Repeatable measurements in Newtonian and non-Newtonian Fluids:** Our balanced torsional technology ensures stable, high-accuracy readings across all fluid types, maintaining consistency regardless of shear rate or complex rheological behavior.
- **Hermetically sealed, available in 316L and Hastelloy C22:** Featuring a robust, maintenance-free design with no moving parts, these sensors offer superior chemical resistance for even the most corrosive industrial environments.
- **Built-in fluid temperature measurement:** An integrated high-accuracy RTD provides real-time thermal data, allowing for precise temperature-compensated viscosity and density readings without extra installation ports.

### Certifications for Type-SR Sensors



### Communication Protocols for Type-SR Sensors



### Add-Ons

