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# Temperature Profiling System for Industrial coating application.....



Temperature profiling is the process of recording and interpreting temperatures of products as they move through either a conveyorized or batch heating process, typically an oven or furnace. The collected numeric data is converted by temperature analysis software into meaningful information and displayed as a graph – thermal profile.

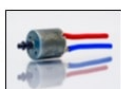
All our systems are comprised of software, data loggers and a selection of protective thermal barriers and thermocouples. Our systems help you make changes in temperature to improve product quality and increase profitability in the following areas:

- **Finished product quality** - Prove that your oven provides the necessary cure schedule to give the physical and cosmetic coating properties you require. Prevent under cure or over cure issues, risk of downtime, costly rejects or rework and product recalls.
- **Process validation** - Create the certified traceable profile report to prove to any customer and regulatory body (Qualicoat, ISO9000, CQI-12) that your process is in control. The single page report could win you that next contract.
- **Optimize productivity and efficiency** - Use accurate profile data to optimize your oven. Maximize line speed to give optimal productivity without risking product quality. Make oven temperature setpoint adjustments to reduce power consumption. Imagine the potential energy cost savings you could achieve over the next 12 months!
- **Rapid problem solving** - Highlight oven problems immediately and use data information to recommend corrective action. Prove that any service or maintenance carried out has been successful. Remember, each lost hour of production is costly to your company.



## Application

- In automotive manufacturing applications from coating of the entire car body to individual exterior and interior components
- In paint and powder coating within any OEM operation where the company coats the product as part of the manufacturing process.
- Paint and Powder Suppliers
- High Temperature Coating... able to withstand high temperature coating processes where temperatures exceed 300°C/572°F
- In the manufacture of coil strip
- Used by oven manufacturers in various stages of R&D in laboratory product specification for new product design and testing
- Metal Packaging
- Teflon coating
- Used to monitor cure processes in textile products manufacturing
- Can monitor oven and product temperatures during either roto molding or slush manufacturing processes
- We also offer Specialty Oven Systems for specialty coating, such as Physical Vapor Deposition applications, as well as Customized Oven Systems to meet specialized process requirements in a variety of applications



## Customers:

Tata Motors, Bajaj Auto Ltd, Ford India, Dupont South Asia, FIAT, Hero MotoCorp, LML, Whirlpool India, Asian PPG India, General Motors, Delphi Automotive Systems, Mahindra & Mahindra Ltd, TVS Motor Company Ltd, Piaggio Vehicles Pvt Ltd, Hyundai Motor India Ltd, Durr India Pvt Ltd., Yamaha Motors, Escorts Limited, Toyota Kirloskar Motor Pvt. Ltd., Royal Enfield, Wheels India, John Deere and many more.....



Since 1907

**Jost's Engineering Company Limited**

Plot no.3 , Survey no. 126, Paud Road, Pune 411038., Maharashtra, India.

Email : Salespune@josts.in website : www.josts.com