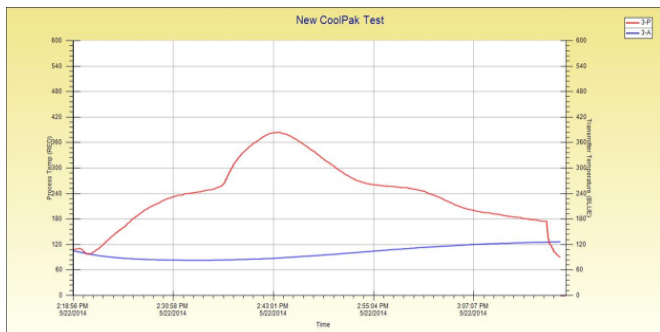# Paladin EZ Logger

The **Paladin EZ Logger** is a compact, single-channel, wireless transmitter that provides continuous, real-time, In-mold Temperature Measurement throughout the heating and cooling cycles. Its compact design is simple to mount on molds or spiders and easy to operate. This affordable, data logging device will satisfy your need to know what is happening inside the mold *as it happens*.

The Paladin EZ Logger Can Help Determine
- Internal Air Temperature (IAT) & Heating Rate
- When material begins to stick to the mold
- When material is built up on mold
- Peak Internal Air Temperature (PIAT)
- Molded Part Cooling Rate
- When molded material crystallizes
- Best Inner Air Temperature to De-Mold

Operation - Continuously transmits: In-Mold Air Temperature, Transmitter Temperature, RF Signal Strength & Battery Level. This information is received and displayed on a customer-supplied laptop for immediate study and can be stored for future analysis.

Importance of This Information
- Optimize your process
- Maintain product quality
- Maximize efficiency of operators and machinery
- Help improve impact strength of parts

Additional Uses
- Create baseline data for external mold-temperature measuring devices
- Measure oven temperature where it counts; in the area where the molds rotate
- Lower new mold prototyping time
- Optimize new-employee training time

System Components - Stainless steel insulated box, four rotomolded Ambient-Temperature Heat-Sinks, 3 Type-K thermocouple sensors, wireless transmitter with antenna & spare battery, receiver device with high-gain antenna, I/O cable, hand tools, and carrying/storage case to provide protection from water, dust, sand and impact.

The included software transforms your PC into a strip chart recorder & data logger so real-time readings can be displayed, analyzed and saved. Data may then be printed or exported to a spreadsheet for further study.

Why choose the Paladin EZ Logger?
Small, Lightweight, Portable, Easily Mounted, Easy To Use, Easy To Maintain, Easy Software.
Low Cost!

Please request a quotation.