TempLogger
Temperature Monitoring and Control

Frequently Asked Questions

What is temperature monitoring?

Temperature monitoring is a process whereby the internal mould temperature of a plastic product is measured and monitored during the heating and cooling cycles.

Why use temperature monitoring?

Temperature monitoring ensures good quality products every time when the product recipes are adhered to.

What are the benefits of temperature monitoring?

Increase production - Productivity improves with reduced cycle times and operators can identify faults immediately thereby significantly reducing operational delays and rejects.

Improve quality - Quality control improves with early fault detection and correction through real time temperature monitoring.

Reduce scrap and downtime - With improved quality control, there are no more rejects from over or under curing and no sticking in the mould due to shrinkage. Down time from moulds off the machine due to problems is reduced.

Easy multiple skin moulding - Double and triple skin moulding is made easy and consistent with the use of product recipes and alarm settings that control heating and cooling cycles.

What equipment do I need?

TempLogger consists of three basic components - A control station PC or laptop that is connected to a base unit and a temperature monitoring device sender unit that is attached to a machine arm or station. The base and sender units communicate with wireless radio telemetry. Up to 6 stations, each with 4 temperature channels and 6 alarms per station can be monitored simultaneously per machine.

What is machine control?

TempLogger gives you the ability to effectively manage rotomoulding production in the least time. You will be able to build a comprehensive information base of man, machine and product performance that will enable you to optimize heating, cooling and de-moulding cycle times for any machine configuration.

The **TempLogger** Interface provides a way for rotomoulding machine manufacturers to seamlessly interface their computer controlled systems to replace timer based heating and cooling cycles with temperature based alarm monitoring, regardless of the machine configuration.

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