

- Increase production yield
- Reduce scrap rates
- Save energy costs
- Adjust for changes in ambient
- Mould temperature measurement
- Identify faults



**K-Log – a one channel, one cycle temperature data logger.**

**K-Log** offers a low investment entrance into real process control for the rotational moulding SME production market. Designed to enable the production engineer to find out what is happening inside the mould **K-Log** offers the ability to optimise the roto cycle. **K-Log** is portable and self-installed on any mould to be measured. **K-Log** is mounted with simple catches and because it is only designed for a one cycle moulding is small and light.

Features	<i>K-Log</i>
Installation	<i>Strap on with stainless steel cable ties or strapping wire</i>
Temperature channels	<i>one</i>
Oven life	<i>One cycle</i>
Maintenance	<i>Cool down or use a second unit</i>
Software	<i>Display or export data to Excel</i>

**For the first time user.** If you are new to temperature measurement and are not sure about making a high investment. in process control then K-log is the product to get you started. A simple one channel logger combined with highly efficient thermal insulation makes an excellent start, into temperature monitoring, for your rotomoulding process.

**Attachment to the mould.** Since the logger is only designed for a one shot cycle it can be held onto the mould quite easily – there is no need for heavy brackets or cumbersome mounting plates. Simply using the cable ties supplied the unit can be fixed anywhere on the mould or framework.

**Downloading the data.** The data is stored in a small logger the size of a camera film case. After the cycle the logger is removed and connected to a PC for downloading of the data. There is enough memory in the logger to comfortably store all the necessary temperature information from a rotomoulding cycle.

**Operating temperatures and keeping the unit cool.** The **K-Log** is only designed for one cycle or a typical rotocycle. It is not destined for full time temperature control, and we can't expect that to be the case given the low cost. We supply with the unit a small amount of internal cooling which comes in the form of 493Ks coolant cartridge and this should ensure the logger electronics are maintained within the correct operating conditions. Even if you happen to forget about the K-Log and it overheats in the oven we can send you out new logger electronics for less than 200 Euros, so don't worry.

If you would like to know more about K-Log then please don't hesitate to contact us or one of our distributors.

K-Log™ - The one shot, one channel temperature logger			
Mechanical Specification		Technical Specification	
		<b>Measurement Temperature Range</b>	0C (32°F) to +300C (+572°F)
<b>Enclosure Nominal Dimensions:</b>	100mm Diameter x 300mm Long	<b>Accuracy:</b>	+/- 1.0C (1.8°F)
<b>Enclosure Material</b>	Stainless Steel	<b>Resolution:</b>	0.5C (0.90°F)
<b>Protection Rating</b>	IP65(Protection against dust ingress and water jets)	<b>Operating Temperature Range</b>	0C (32°F) to +300C (+572°F)
<b>Weight</b>	4.5 kg	<b>No. of Channels</b>	1 PT100

Distributor:



Taking Control of Rotational Moulding

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