



K-Kontrol™ on Polivinil

- ▶ Adjust for changes in ambient
- ▶ Control & automate process
- ▶ Identify faults
- ▶ Save energy costs
- ▶ Reduce reject parts



K-Kontrol™ on Alan Yorke



K-Kontrol™ on Caccia



K-Kontrol™ on Ferry



Permanent mould temperature measurement

New build or retrofit installation

Install on one or all arms

Comprehensive control software

493K

Taking Control of Rotational Moulding

What is K-Kontrol?

K-Kontrol is a high temperature slipring that attaches permanently to the arm of your machine. It continuously measures mould temperature, 24/7. K-Kontrol measures the exact temperatures of a number of moulds on all arms simultaneously (up to 16 temperatures on a four arm machine), giving an overview of the process for the purposes of production scheduling, diagnostics or R&D.

How is it installed?

K-Kontrol can be installed on your new machine.

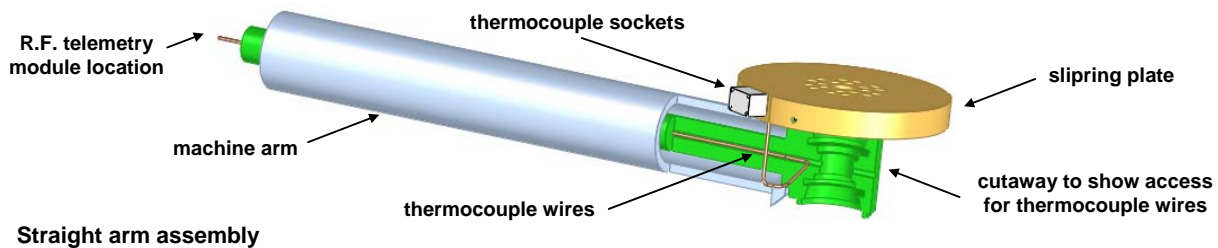
K-Kontrol can be pre-installed on your new machine. We work in conjunction with all good machine manufactures.

K-Kontrol can be retrofitted in your plant.

K-Kontrol can be shipped direct to your plant and self-installed with support from 493K

Thermocouple wire runs from the head of the plate down through the centre of the arm and exit at the end of the arm where the rotary air joints are positioned. Battery powered radios are used to avoid wiring in and around the rotomoulding machine and to keep on-site installation time to a minimum.

The following diagram shows the general path of the thermocouples.



Can it control our machine?

Yes, K-Kontrol can provide temperature information for the machine controls, via an RS232 Serial link.

Software.

The XP compatible software comes with recording, displaying and data exporting facilities. There are further add-on modules that can be used with the software to expand functionality:

K-Kontrol™ - High Temperature Slip Ring Module			
Mechanical Specification		Technical Specification	
Contact Life	10,000 hrs (300C (572°F) at 2rpm)	Measurement Temperature Range	0C (32°F) to +350C (+572°F)
Enclosure Nominal Dimensions:	100mm on Plate Radius; <50mm on Plate Height	Accuracy:	+/- 4.0C (7.20°F)
Enclosure Material	Stainless Steel	Resolution:	0.5C (0.90°F)
Protection Rating	IP65 (protection against dust ingress and water jets)	Operating Temperature Range	0C (32°F) to +350C (+572°F)
Weight	25 – 45kg (Depending on size)	No. of Channels	2 or 4 Thermocouples

493K

Distributor:

Taking Control of Rotational Moulding

493K Limited, 23 Watch Hill Road, Ballyclare, BT39 9QW. United Kingdom.

e: solutions@493K.com w: www.493K.com t: +44 (0) 28 9335 9922, f: +44 (0) 87 1528 9022