

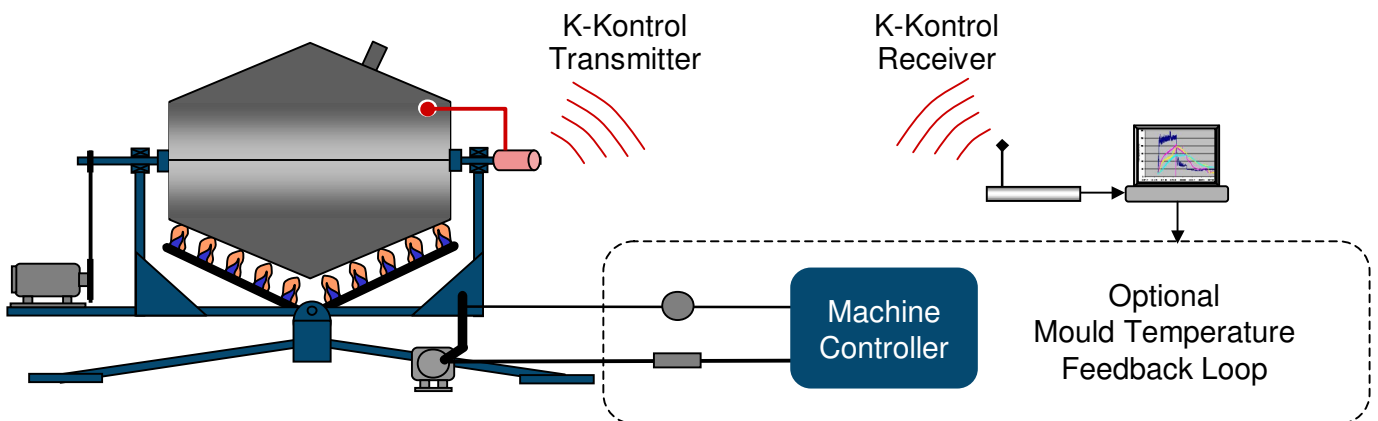
## Rock 'n' Roll

493K Ltd. has launched **K-Kontrol™ Rock 'n' Roll** bringing its dedication to improving mould temperature process control to Rock 'n' Roll machines. Easy to install with its wireless data link, it can be easily used to fully automate your machine. **K-Kontrol™ Rock 'n' Roll** allows the moulder to obtain consistent heating and cooling trends of the polymer and reduce the guess work; and it does this in real time, offering the moulder the opportunity to react immediately to faults or to observe the response of the mould to changes in processing variables.

**K-Kontrol™ Rock 'n' Roll** can continuously and simultaneously measure the real temperatures of a number of moulds on a number of machines in your factory, giving a map of production for the purposes of scheduling, diagnostics or R&D.

- Reduce rejected parts
- Optimise heating & cooling cycles
- Check mould temperatures in real time
- Affordable temperature measurement
- Identify faults
- Control & automate process

Features	<i>K-Kontrol™ Rock n' Roll</i>
Installation	<i>Self</i>
Temperature channels	<i>Four</i>
Warranty	<i>6 months</i>
Maintenance contract	-
K-Kord™ Software	<i>Records and monitors data</i>



## What is K-Kontrol™ Rock 'n' Roll?

K-Kontrol™ Rock 'n' Roll is a radio based temperature monitoring device that attaches to the minor 'rolling' axis of a Rock 'n' Roll machine. Since it uses radio there are no wires needed to transfer the signal to the central control computer.

## What technology is K-Kontrol™ Rock 'n' Roll based upon?

K-Kontrol™ Rock 'n' Roll is a sister product of the Export pack and is based on K-Kontrol's radio based solution. The K-Kontrol™ Rock 'n' Roll radios transmit temperatures on up to four channels continuously to a central PC for data conditioning, storing and machine controlling.

## How is K-Kontrol™ Rock 'n' Roll protected against the heat?

The K-Kontrol™ Rock 'n' Roll radios are optionally insulated for protection against the open flame heat using one of a number of different sized insulation enclosures (depending on the amount of exposure to flame). The high efficiency insulation protects the radios from the heat, so much so, that they do not need to be removed for cyclic cooling, but can left on the machine fulltime.

## How is K-Kontrol™ Rock 'n' Roll attached to the machine?

K-Kontrol™ Rock 'n' Roll is attached using a simple bracket to the end of the minor rolling axis. The thermocouple wires pass up the centre of the bearings or inside the minor shaft.

K-Kontrol™ Rock 'n' Roll – Wireless link			
Mechanical Specification		Technical Specification	
Enclosure Nominal Dimensions:	200mm x 150mm x 100mm without insulation	Measurement Temperature Range	0C (32°F) to +350C (+572°F)
	300mm 250mm x 200mm with insulation	Accuracy:	+/- 4.0C (7.20°F)
Enclosure Material	Mild Steel or Stainless (depending on model)	Resolution:	0.5C (0.90°F)
Protection Rating	IP65(protection against dust ingress and water jets)	Operating Temperature Range	0C (32°F) to +70C (+572°F)
Weight	0.5kg without insulation	No. of Channels	4 Thermocouples
	5kg with insulation		

Distributor:

# 493K

Taking Control of Rotational Moulding

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