



Portable process control when and where you need it

Arming you with accurate temperature and pressure measurement data

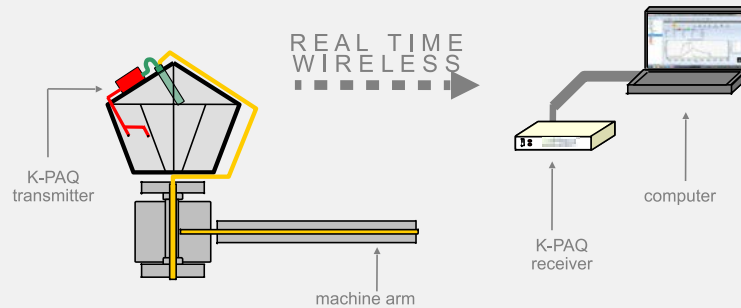


- Increase productivity
- Optimise heating & cooling cycles
- Eliminate scrap caused by under cure or over cure
- Check mould air pressure
- Check mould temperatures in real-time
- Troubleshoot mould problems

Features

K-PAQ is a temperature monitoring device that conveniently attaches to a rotational mould. It measures mould pressure via the vent pipe and mould temperature via type K thermocouples. Mould data is measured and transmitted in real time, allowing the operator to identify faults immediately and observe the response of the mould to changes in processing variables. The user can mount up to four K-PAQ transmitters on a machine, enabling up to 16 temperature channels and 4 pressure channels to be recorded at any one time.

Data from up to 4 arms can be transmitted to a single receiver



K-PAQ Models

Standard

5 cycles of 20 minutes at 350C (662°F) - oven temperature ... then change coolant packs.



Lite

3 cycles of 20 minutes at 350C (662°F) - oven temperature ... then change coolant packs.



Mini

2 cycles of 20 minutes at 350C (662°F) - oven temperature ... then change coolant packs.



K-PAQ Specifications

Pressure Measurement	Range: 0 - 0.5 x 10 ⁵ N/m ² (0 - 0.5Bar; 0 - 7P.S.I.) Accuracy: +/- 0.007 x 10 ⁵ N/m ² (0.007Bar; 0.1 P.S.I.) Resolution: 0.007 x 10 ⁵ N/m ² (0.007Bar; 0.1 P.S.I.)	Enclosure Nominal Dimensions Standard: 200mm (dia) x 300mm (H) 7.8" (dia) x 11.8" (H) Lite: 365mm (W) x 165mm (D) x 150mm (H) 14.4" (W) x 6.5" (D) x 6.0" (H) Mini: 290mm (W) x 165mm (D) x 150mm (H) 11.5" (W) x 6.5" (D) x 6.0" (H)	
Temperature Measurement	Range: 0C (32°F) to +350C (+662°F) Accuracy: +/- 4C_deg (7.2F_deg) Resolution: 0.5C_deg (0.9F_deg) Radio Transmission: Range: Up to 100m in free air; in oven range typical 30m. Frequency: 433.92MHz, 914.50MHz, 869.85MHz		Enclosure Nominal Weights Standard: 13.6kg (30lbs) Lite: 10.2kg (22.5lbs) Mini: 7.0kg (15.5lbs)
Channels	Standard: 4 temperature channels; 1 pressure channel. Lite: 4 temperature channels. Mini: 2 temperature channels.		Enclosure Material Stainless Steel
		Protection Rating IP65 (protection against dust ingress and water jets)	