



Portable process control when and where you need it

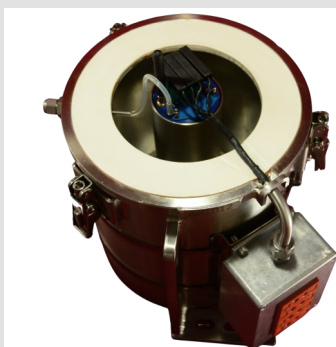
Arming you with accurate temperature and pressure measurement data



- 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

K-Paq is a temperature monitoring radio based product that conveniently attaches to a rotational mould and feeds back live data during production. The K-Paq Standard model also measures mould pressure via the vent pipe. 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.

K-Paq Models



Standard

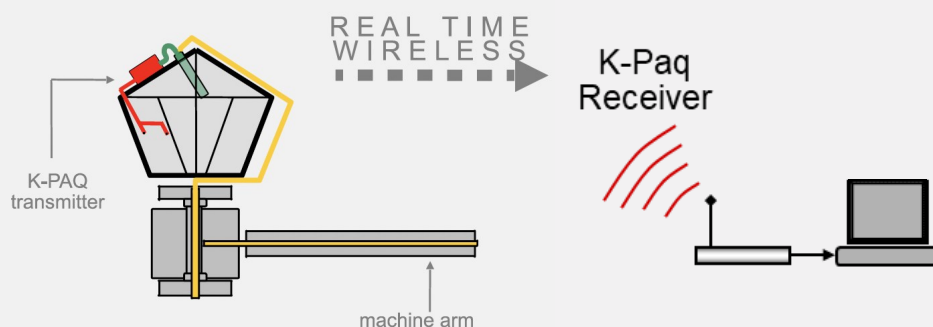
5 cycles of 20 minutes at 350C (662°F) - oven temperature ... then change coolant packs.



Junior

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

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



K-Paq Specifications

Temperature Measurement	Range: 0C (32°F) to +350C (+662°F) Accuracy: +/- 4C_deg (7.2F_deg) Resolution: 0.5C_deg (0.9F_deg) Radio Range: Up to 100m in free air; in oven range typical 30m. Radio Frequency: 433.92MHz, 914.50MHz, 869.85MHz
Channels	Standard: 4x temperature & 1x pressure Junior: 4x temperature
Pressure Measurement (K-PAQ Standard only)	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)] Junior: 200mm(Dia) x 150mm(H) [7.8"(Dia) x 5.9"(H)]
Enclosure Nominal Weights & Specifications	Standard: 11.0kg [24.3lbs] + c. 1.6kg (3.5lbs) Coolant packs Junior: 7.5kg [16.5lbs] + c. 1.6kg (3.5lbs) Coolant packs