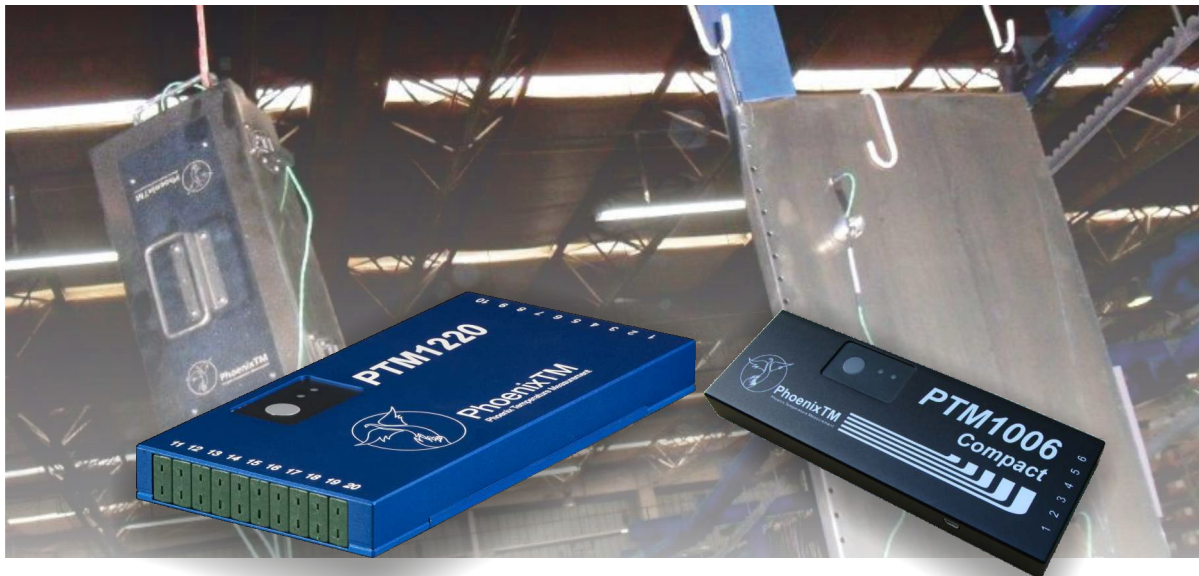




PhoenixTM
Phoenix Temperature Measurement

Where experience counts!!



PhoenixTM High Accuracy Data Loggers for Use in Finishing Applications

PhoenixTM Data Loggers are designed for use in industrial processes. Our data loggers supplied to the finishing industry are specifically designed for monitoring temperatures inside paint and powder coat curing ovens, and P.T.F.E. bake ovens. PhoenixTM Data Loggers include these key features:

- No complex keypad programming sequences, simple to set up in the comprehensive, industry specific software package supplied.
- 6,10 and 20 channel versions means maximum data input available.
- Internal cold junction compensation with feedback error detection and noise reduction, which ensures accurate and reliable data over the operating range of the data logger.
- A tough, lightweight, machined aluminium case provides mechanical and moisture proof protection in an industrial environment.
- Able to operate inside finishing ovens, protected by a PhoenixTM silicone-free thermal barrier.
- Powered by standard 'AA' alkaline batteries with up to 1000 hours lifetime. Eliminates waiting time for rechargeable batteries that have not been fully charged
- Bluetooth capability to allow wireless logger download and reset.
- Optional two way RF telemetry. Allowing the data logger to be downloaded and reset via RF. Two way telemetry allows for 'data catch up' if the RF signal is temporarily interrupted. Additionally this allows for an analysis window to be opened mid process and for full process details to be analysed.
- Multiple data loggers can be monitored on the same PC when working in real time.

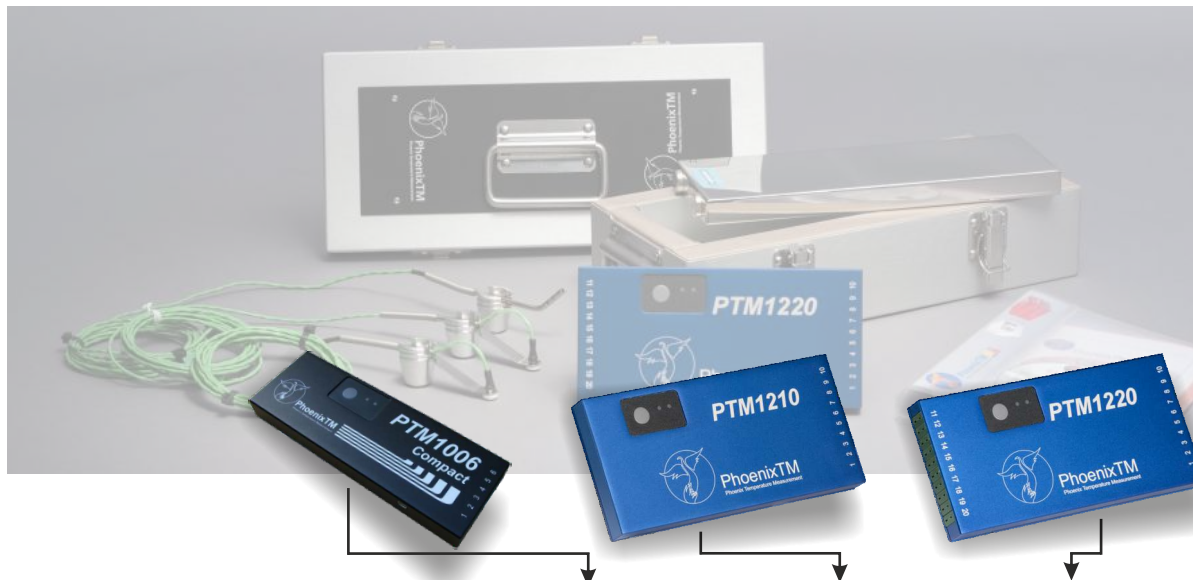
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PHOENIXTM Data Loggers PTM1200 Series



Technical details low temperature (LT) data loggers (type K):



Data logger model number:	PTM1-106-Compact	PTM1-210-LT	PTM1-220-LT
No. of channels:	6	10	20
Physical dimensions:	Length:	200 mm	200 mm
	Width:	70 mm	98 mm
	Height:	20 mm	20 mm
	Weight:	0.5 Kg	0.7 Kg
Measuring range:	0°C to +500°C		0°C to +500°C
Real time data transmission*:	Via USB cable only	Via USB cable and Bluetooth as standard, via 2 way RF telemetry optional	
Bluetooth:	Not available	V2.1 SPP Compatible with Windows PC's and Android tablets / phones. Range 10metres.	
Memory total (Non Volatile Memory)	Up to 440,000 data points	Up to 3.8 million data points	
Sampling interval:	From 0.5s to 1 hour	From 0.2s to 1 hour (min.1.0s for RF or USB telemetry)	
Operating temperature:	0°C to +80°C		
Logger start by:	Date & time, temperature, start button, or software		
Resolution:	0.1°C		
Accuracy:	±0.3°C		
Sealing LT:	IP60		
Battery type:	2 x 'AA' Alkaline replaceable batteries		
Battery life:	Up to 1000 hours (Depending on operating temperature, telemetry use, & sampling interval)		

* RF only available with the following software: Thermal View Finishing, Thermal View Plus, Thermal View Survey, and Thermal View for Food Processing
Note: As products are continually improved, specifications may be changed without prior notice.

Represented by:



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