

# PeakControl<sup>®</sup>

**Needle temperature sensors  
for tyres**

- **Type-K thermocouple**
- **Operating temperature:  
140°C, up to 200°C peak**
- **Insertion depth adjustable  
between 5 and 10 mm**
- **Ergonomic design**
- **Simplified maintenance**
- **Optimized cost-in-use**

**Designed and manufactured in France** 

**Motorcycles and cars**



**Construction site vehicles**



**HGVs**



**Tyre manufacturing**



[www.pyrocontrole.com](http://www.pyrocontrole.com)

*Measure up* 

# PeakControl<sup>®</sup> is designed to measure the surface temperature of motor vehicle and motorcycle tyres.

It allows you to optimize your settings and maximize tyre use to improve driver performance on the track.

## PeakControl<sup>®</sup>



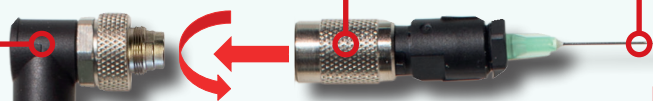
### Spare needle 00.5 mm Patented system

The female socket facilitates quick replacement of the needle, thus reducing costs and downtime.



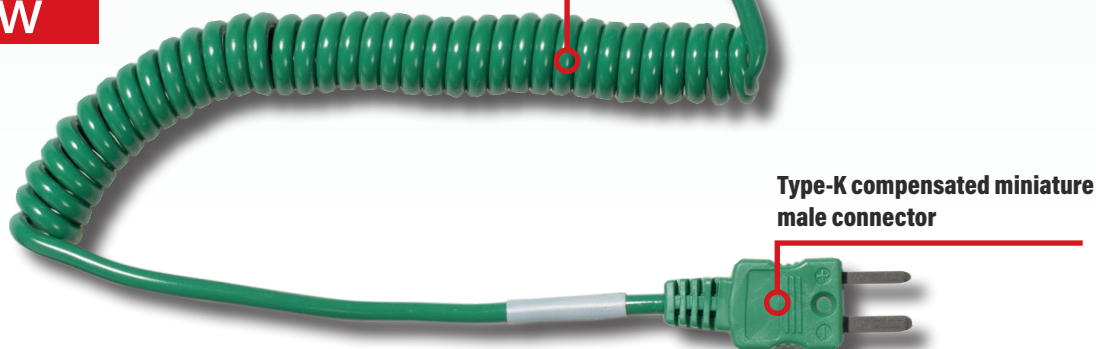
**Quick male connector**  
Offers a quick solution for replacing a worn cable and maximizing your equipment's life span.

### Type-K thermocouple



**Spiral extension cable**  
**Extended length ≈ 1,000 mm**  
Offers maximum flexibility and reduces the risk of space problems during use.

## PeakControl<sup>®</sup> detailed view



### Type-K compensated miniature male connector

# Why choose PeakControl®?

## Designed and manufactured in France

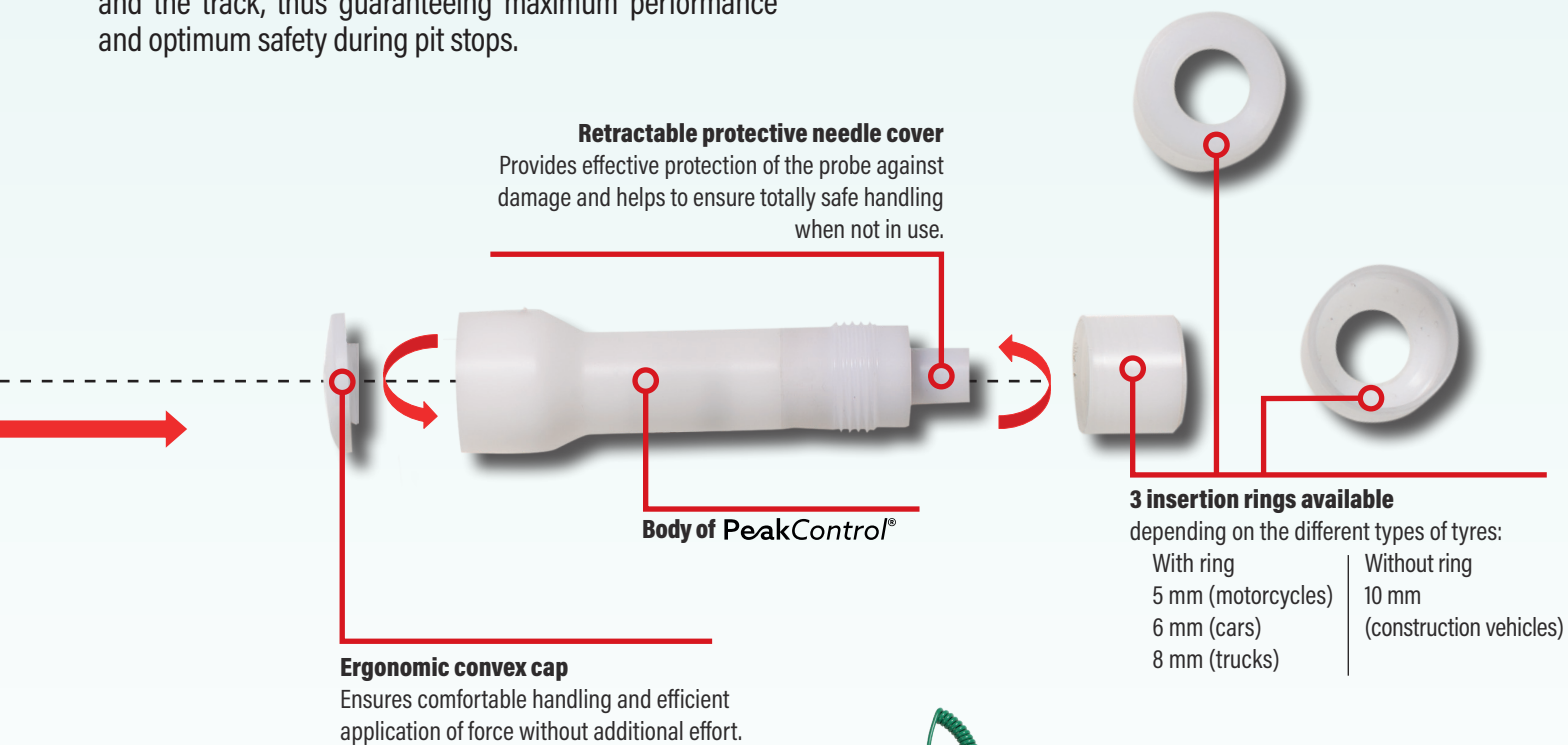
PeakControl® is designed by engineers working in collaboration with worldwide leaders in the tyre industry, guaranteeing an innovative, high-performance product. Manufactured in France, it reflects our commitment to quality and excellence, offering essential reliability for tyre temperature testing in extreme conditions.

## Motor sports and motorcycling

In motor sports and motorcycling, where tyres are subjected to extreme heat, pressure and wear, PeakControl® enables mechanics to monitor the temperatures of the tyres and the track, thus guaranteeing maximum performance and optimum safety during pit stops.

## Quality control in the production units

During the tyre manufacturing process, PeakControl® proves essential for checking the temperature at each stage of tyre production, from preparation of the rubber to assembly, thus ensuring irreproachable manufacturing quality suitable for each type of tyre.



## Optimized design

The PeakControl®'s patented needle sensor can be replaced without changing the probe, simplifying maintenance and cutting costs while ensuring constant accuracy for tyre temperature measurements.



# Record and analyse your measurements

## CA 1821-CA 1822 thermometer

PeakControl® is compatible with the **CA 1821** and **CA 1822 thermometers from Chauvin Arnoux**, offering a complete solution for your temperature measurements.

The **CA 1821** and **CA 1822** analyse the data and generate reports.

These compact, magnetized thermometers are ideal for portable use. Equipped with a backlit screen and a belt clip, they are perfect for measuring while moving around.



Use the cable to connect PeakControl® to the CA 1821 logger

- Data recording for analysis
- Communication via USB, Bluetooth
- Compatible with Android

## Data Logger Transfer

Download free of charge and view the data stored in memory.

Can be used for instantaneous acquisitions in chart form and reports in Word format.



Instantaneously record your data during the race via Bluetooth



Transfer, analysis and recording of the data with the **Data Logger Transfer** software

# Technical specifications

Compliance with standards	IEC 584-1 / EN 61515
Type	K
Class	2
Needle material	Stainless steel
Diameter (mm)	0.8
Operating temperature (°C)	140
Max. temperature (°C)	200
Body length (mm)	110
Cable	Extension, polyurethane (PU) sheath
Cable length (mm)	1,000
Connection	Miniature compensated male plug

# To order

Reference	Description
L860985-100	PeakControl®
L86 0985-001	Body alone without ring
L86 0985-002	Needle sensor with connector
L86 0985-003	Spiral cable with elbowed connector
L86 0985-004	Set of 3 rings (5 mm, 6mm and 8 mm)

Reference	Description
P01654821	Single-channel thermometer: CA 1821
P01654822	2-channel thermometer: CA 1822

Pyrocontrol  
 Chauvin Arnoux Group  
 6 bis avenue Docteur Schweitzer  
 69881 MEYZIEU Cedex  
 Tel : +33 4 72 14 15 40  
 info@pyrocontrol.com  
 www.pyrocontrol.com

