



Funded by
UK Government

UK Shared Prosperity Fund

‘High Peak SME Growth & Innovation Grant’

TMS Europe Ltd



About

The objective of this grant was to allow for local enterprises to invest in new technology and/or equipment to generate business growth. Capital grants of between £3,000 - £10,000 were available and awarded after a competitive grant process.

TMS Europe Ltd is an SME based in Bradwell in the Hope Valley. With over four decades of experience in thermal measurement solutions, providing a comprehensive range of temperature related products and UKAS accredited calibration services for a broad range of industries and sectors.

As well as distributing some of the world’s leading instrument brands, such as ABB, Eurotherm, Omron, and Rotronic. they also manufacture their own range of block calibrators, and modified furnaces and ovens.



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- **Grants Awarded: £20,000**
- **Creation of 2 x full time Calibration Technician posts**

Challenge

TMS Europe was seeking to purchase Medusa 510 and 493 Isothermal Tower calibrators to grow their calibration capabilities.

The ability to offer fixed point calibration through the mid-range of the ITS-90 Scale would extend the calibration services TMS could offer to its customers.

Impact

Through the introduction of this additional equipment the business continues to extend its scope and offer an extension of its calibration services to both existing and new customers.

TMS Europe aim to achieve an extensive range of pure metal fixed point cells which allows them to offer fixed point calibration for thermocouples and platinum resistance thermometers over the mid-range of the ITS-90 Scale.

As a direct result of this investment the business was also able to create two full-time Calibration Technicians.

Next Stage

Full UKAS accreditation is to be pursued in the Summer of 2026

On achieving UKAS Accreditation TMS Europe will be able to offer their customers fixed point calibration for the following temperatures:

- **Triple point of water:** 0.01 °C*
- **Tin:** 231.928 °C
- **Zinc:** 419.527 °C
- **Aluminium:** 660.323 °C

*Already within the scope of accreditation.

These fixed points allow calibration of standard platinum resistance thermometers (SPRTs) and high-accuracy PRTs.

“We are extremely proud and very conscious of our role as a local employer. The award of this funding enabled us to accelerate our investment plans and will contribute immensely to our plans to grow and develop our laboratory capabilities. The funding and support from High Peak Borough Council has been invaluable in allowing us to complete phase 1 of our growth plan.”

Kathryn V Price - Director

“The appointment of two new calibration technicians is obviously fantastic news for TMS Europe, and the people involved. The creation of the fixed-point cell calibration laboratory is a very important step forward for TMS Europe”

Paul Roper - Head of Laboratory



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