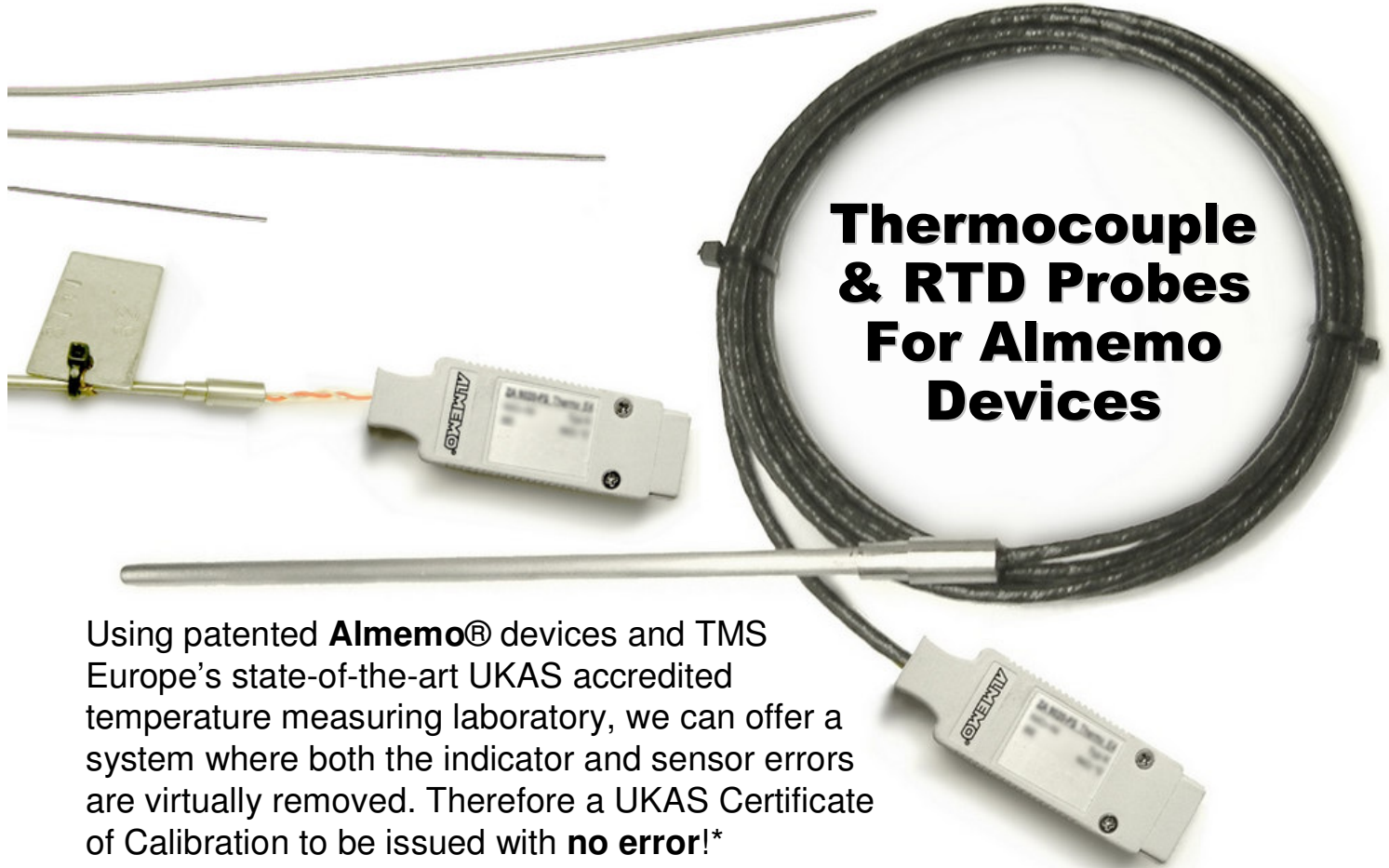


No Error Temperature Measurement System



Using patented **Almemo®** devices and TMS Europe's state-of-the-art UKAS accredited temperature measuring laboratory, we can offer a system where both the indicator and sensor errors are virtually removed. Therefore a UKAS Certificate of Calibration to be issued with **no error!***

When the UKAS calibrated sensor is connected to the UKAS calibrated Almemo instrument using the programmed Almemo connecting plug, the instrument automatically recognises the sensor type, no instrument settings need to be changed - you can just plug in the sensor and get a truly accurate reading!

The Almemo plug stores the programmed calibration values for the individual sensor in its built in memory chip, therefore subsequent measuring operations are performed with the highest accuracy and certainty.

TMS Europe offers a wide range of RTD and thermocouple probes, fitted with an Almemo plug and UKAS calibrated with 'zero' error*.

** Instrument error better than 25 milliKelvin depending on sensor type, typical system error (i.e. instrument & sensor) would be 50 milliKelvin \pm LSD (Least Significant Digit).*



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PRICE LIST

PROBES TO GO WITH ALMEMO® INDICATORS - CALIBRATION ERRORS CORRECTED IN PLUG - UKAS CALIBRATION CERTIFICATE

4-wire RTD Probes

Part No. : PROBE 8 - Intended as a Block Calibrator Reference Standard
Description: 3mm diameter x 150mm long stainless steel sheath, 4-wire resistance thermometer with 2 meter lead and ALMEMO plug. UKAS calibrated with 'zero' error at 0, 20, 40, 60, 80 & 100 degrees centigrade.
Price each: £225.00

Part No. : PROBE 9 - Intended for Food
Description: 4.7mm diameter x 150mm long stainless steel sheath, 4-wire resistance thermometer with 2 meter lead and ALMEMO plug. UKAS calibrated with 'zero' error at -18, 0, 20, 65 & 100 degrees centigrade.
Price each: £190.00

Part No. : PROBE 10 - Intended for Autoclaves
Description: 4.7mm diameter 150mm long stainless steel sheath, 4-wire resistance thermometer with 2 meter lead and ALMEMO plug. UKAS calibrated with 'zero' error at 37, 65, 115, 121 & 136 degrees centigrade.
Price each: £250.00

Part No. : PROBE 11 – Intended for Freezers and Autoclaves
Description: 4.7mm diameter 150mm long stainless steel sheath, 4-wire resistance thermometer with 2 meter lead and ALMEMO plug. UKAS calibrated with 'zero' error at -80, -20, 5, 115, 121 & 136 degrees centigrade.
Price each: £350.00

Type N Thermocouple Probes

Part No. : PROBE 12
Description: 3mm Type N mineral insulated Inconel sheathed, 300mm long with 1 meter lead and ALMEMO plug. UKAS calibrated with 'zero' error at 400, 540, 680, 720, 960 & 1100 degrees centigrade.
Price each: £150.00

Part No. : PROBE 13
Description: 3mm Type N mineral insulated Inconel sheathed, 450mm long with 1 meter lead and ALMEMO plug. UKAS calibrated with 'zero' error at 400, 540, 680, 720, 960 & 1100 degrees centigrade.
Price each: £150.00

Part No. : PROBE 14
Description: 3mm Type N mineral insulated Inconel sheathed, 600mm long with 1 meter lead and ALMEMO plug. UKAS calibrated with 'zero' error at 400, 540, 680, 720, 960 & 1100 degrees centigrade.
Price each: £150.00

A full range of Almemo® devices, including Data Loggers and Data Acquisition Systems can found at: www.tmseurope.co.uk/ahlborn

For sales information call us on 01433 620535 or email sales@tmseurope.co.uk.
For technical or calibration queries call us or email lab@tmseurope.co.uk.