

Telstar's Calibration Laboratory offers a complete calibration service **accredited** by the National Accreditation Entity (**ENAC**) with accreditations num. 80LC/148 and 80LC/149. **ENAC** accreditation ensures EA (European cooperation for Accreditation) traceability of the results of the calibration as the Telstar standards must be calibrated by an EA agreement signatory **reference Laboratory**.



Instrumentation calibration is undoubtedly one of the most important quality control aspects for any company.

Fulfilment of the **ISO 9000** quality standards requires this calibration to be strictly controlled, involving suitable **planning, complete**

documentation and **correct data processing**, amongst other things. Telstar's Calibration Laboratory offers all these services.

Telstar's Calibration Laboratory is accredited by **ENAC** with accreditation number **80LC/148** and **80LC/149**, in accordance with standard **UNE-EN ISO/IEC 17025's** requirements. This is the only specific ISO standard for test and calibration laboratories. Its certified compliance by an Accreditation Organisation (such as **ENAC**), demonstrates that the laboratories have a quality system, are technically competent and capable of generating technically valid results. Moreover, complying with this standard implies fulfilling **ISO9002** or **ISO9001** standard requirements. However, standard **ISO 17025** covers several technical requirements that are not covered by the aforementioned standards.

Therefore, the calibration of an instrument in an accredited laboratory ensures technical competence in the processes of performing measurements and obtaining results, control of the equipment to be calibrated from the moment of its arrival to its dispatch, and compliance with the requisite traceability to national or international standards. Furthermore, it reduces costs as a calibration supplier audit is not necessary.

Telstar's Calibration Laboratory has two accreditations:

- **Fluids, Pressure and Vacuum:** measurement field from 1×10^{-3} mbar to 1,300 mbar (Accreditation 80LC/148), for **vacuum sensor or indicator** calibration and measurement field 5×10^{-7} mbar l/s to 5×10^{-2} mbar l/s (Accreditation 80LC/148), for **Helium Leak** calibration.
- **Fluids, Particle Size:** measurement field 0.1 μm to 5 μm (Accreditation 80LC/149), for Airborne **Particle Counter** (CPA) calibration.



Working with an accredited laboratory ensures the technical competence of the measurements and results, controls over equipment to be calibrated from arrival to exit, and compliance with national and international benefits:

- **Reduce time and cost:** There is only one accredited laboratory which can guarantee accurate results when carrying out tests. It avoids trial repetitions which increases also avoided as no auditing of calibration providers is needed, since **ENAC** ensures the authenticity of the information issued.
- **Minimized risk of producing or supplying a defective product:** Relying on a technically competent laboratory improves product quality.
- **Increased value of products:** A more reliable and better quality product increases client confidence.



ISO 9001: Certified Company

BR-CALIBRATION-LABORATORY-EN-0719 Telstar reserves the right to improvements and specification changes without notice.

SPAIN

Josep Tapiolas, 120
08226 Terrassa (Spain)
T +34 937 361 600
F +34 937 859 342

Santibáñez de Béjar, 3
08042 Madrid
T +34 913 717 790
F +34 913 717 791

NORTH AMERICA

1504 Grundy's Lane
Bristol PA 19007
T +1 (215) 826 0770
F +1 (215) 826 0222

JAPAN

Azbil Corporation
Tokyo Building,
2-7-3 Marunouchi, Chiyoda-ku,
Tokyo 100-6419,
T +81 3 6810 1000
F +81 3 5220 7270

CHINA

No. 30 Jin Wen Road,
Zu Qiao Airport Industrial Park,
Pudong District
201323 Shanghai
T +86 21 58 093 731
F +86 21 58 092 857

www.telstar.com
sales.laboratory@telstar.com