Lonbo Calibration (Thailand) Co., Ltd.

1. Company Overview

Established on November 25, 2025 and located within the Industrial Development Zone of Chon Buri Province, Thailand, Lonbo Calibration (Thailand) Co., Ltd. is a professional metrology institute. We deliver standardized, localized one-stop metrology and calibration solutions for Chinese-invested manufacturing plants, new energy vehicle manufacturers and precision processing enterprises across Thailand and Southeast Asia.

Operating fully in line with ISO/IEC 17025 international standards, the company solves core metrological traceability challenges for precision industrial equipment, including thread gauges, dynamic data acquisition systems, electrical instruments and new energy testing devices. Our standardized service system fully meets the professional calibration and metrology requirements of Thailand's new energy vehicle industrial chain, precision mold processing and precision electronics sectors.

Positioned as a comprehensive precision metrology service provider dedicated to overseas Chinese-funded enterprises, we offer authoritative, standardized and traceable calibration support for clients' local production and quality control procedures. Our service coverage spans core industrial zones in Chon Buri, Rayong and Samut Prakan, with dedicated on-site calibration services available to satisfy diverse on-demand metrology needs of industrial customers.

2. Qualifications and Technical Traceability

(1) Internationally Recognized Accreditations

All service activities strictly comply with ISO/IEC 17025:2017 international calibration specifications. All calibration certificates issued by our laboratory are accredited under the ILAC-MRA international mutual recognition framework and globally accepted for Thailand customs clearance, corporate IATF16949 quality system audits and import/export commodity inspections.

Our China-based parent entity holds valid CNAS accreditation covering more than 1,000 calibrated scopes. All measurement results can be fully traced to national metrology reference standards of China, ensuring the accuracy, validity and authoritative credibility of all calibration outputs.

(2) Laboratory Infrastructure

The company's headquarters laboratory in Chon Buri adopts a professional constant-temperature and constant-humidity design. It is divided into four independent, standardized professional calibration areas to support full-range instrument calibration and metrology testing:

1. **Dimensional Metrology Laboratory**: Equipped with length measuring instruments, reference gauge blocks, M-series and G-type pipe thread plug & ring gauges, steel tapes, micrometers, dial indicators and other specialized metrology hardware.
2. **Electrical Metrology Laboratory**: Hosts $3\frac{1}{2}$-digit and $6\frac{1}{2}$-digit digital multimeters, Innmake 9204H dynamic data acquisition systems, sensors, power supply test instruments and other electrical calibration equipment.
3. **Mechanical-Thermal Metrology Laboratory**: Fitted with hardness reference blocks, vibration shakers, impact testers, drop test rigs, collision test benches, pressure and torque measuring devices, temperature measuring instruments, weighing apparatus, vibration sensors, acceleration sensors and associated metrology equipment.
4. **New Energy Specialized Laboratory**: For power battery testing instruments, charge-discharge equipment calibration, electrical safety test apparatus and other metrological devices for the new energy sector.

A complete set of portable standard metrology instruments is available to conduct on-line on-site calibration for production-line instruments, enabling equipment calibration without production shutdown.

(3) Technical Team

All technical engineers have received systematic professional metrology

training and obtained relevant industry certifications. Our technical team is proficient in quality management systems and metrology control standards for precision machining, new energy manufacturing and electronics processing sectors. We are capable of delivering standardized supporting services, including enterprise metrology system establishment and standardized management of instrument ledgers.

3. Core Service Portfolio

Precision Measuring Instrument Calibration (Mold-making & Machining)

Our calibration services cover metric and imperial thread gauges, pipe thread plug and ring gauges, feeler gauges, height gauges, dial indicators, micrometer indicators, calipers, gauge blocks, angle gauges and other dimensional metrology tools.

The scope also includes dynamic data acquisition systems, high-precision $6\frac{1}{2}$-digit multimeters, oscilloscopes, force sensors, vibration & impact test equipment, data loggers, signal generators and other electrical and mechanical vibration test instruments.
Additionally, the laboratory provides professional calibration for battery testing equipment, PSI-compliant tyre pressure testers, torque wrenches, high-low temperature environmental chambers, charging pile test instruments, pressure gauges, thermohygrometers, weighing instruments, hardness testers, non-destructive testing equipment and physicochemical analysis instruments.

General-Purpose Industrial Instrument Procurement with Built-in Calibration

We provide one-stop procurement and supporting calibration services for industrial instruments. All procured instruments are fully calibrated against international standards prior to delivery. Adopting a turnkey service model, we help enterprises efficiently obtain fully compliant and traceable instrument equipment.

Instrument Maintenance, Repair & In-House Calibrator Training

In response to insufficient local industrial supporting capacity in Thailand, the company leverages professional technical reserves and complete supply chain resources to deliver standardized maintenance and repair services for mechanical, electrical, weighing and geometric measuring instruments. Meanwhile, customized equipment operation and internal calibration training are offered for local enterprise employees to standardize operating procedures, reduce equipment failure rates and production defects caused by operational errors, and help enterprises cut costs and improve efficiency.

General-Purpose Industrial Instrument Rental Services

Flexible industrial instrument rental solutions are provided to meet enterprises' temporary and urgent equipment requirements. This effectively lowers upfront operating costs for manufacturers and supports their stable local development.

4. Core Competitive Strengths

- **Advantages Tailored for Chinese-Funded Enterprises**

Different from local Thai metrology institutions, we are thoroughly familiar with metrology management specifications and quality control standards adopted by Chinese manufacturing enterprises. We issue formal bilingual Chinese-English calibration reports and support cross-border traceability calibration for ultra-high-precision instruments, enabling seamless integration with domestic enterprise management systems.

- **Efficient Localized Service Support**

Backed by our standardized laboratory in Chon Buri Province, we deliver fast-response regional service coverage. The lead time for on-site calibration is controlled within 1–2 working days, which greatly reduces customers' time and logistics costs compared with laboratories based in downtown Bangkok. A dedicated expedited calibration channel is available for high-volume thread gauge calibration to guarantee efficient turnaround.

- **Specialized Industry Expertise**

We focus on three core industrial fields: precision machinery processing, new energy vehicles and precision electronics. Specialized calibration standards and operational procedures have been established for core equipment including thread gauges, dynamic data acquisition instruments and new energy battery testing equipment, precisely matching daily metrology and testing demands of high-precision manufacturing production lines.

- **Unified Standardized Governance**

Adhering to the quality tenet of scientific impartiality, integrity and precision, the laboratory conducts regular traceability verification for all standard measuring equipment. Calibration data is fully documented and traceable throughout the whole workflow, effectively preventing measurement deviations and ensuring compliance for enterprises' product quality inspection and system audits.

5. Corporate Culture & Service Principles

- **Corporate Mission**: Scientific Impartiality, Accurate Traceability, Local Efficient Service, Continuous Improvement.
- **Business Philosophy**: Centered on metrology service requirements of manufacturing enterprises in Thailand, we bridge metrology standard gaps between China and Thailand, and provide stable, cost-effective, one-stop standardized metrology solutions for Chinese-invested manufacturers across Southeast Asia.

6. Contact Details

Thailand Service Hotline: +66 0988942833
China Domestic Dedicated Hotline: +86 15111446212
Address: 189/48 Moo.10, Panthong, Panthong, Chon Buri 20160, Thailand

Additional Laboratory List

1. Liquid Flow Laboratory
2. Physicochemical Laboratory

3. Gas Flow Laboratory
4. Thermal Metrology Laboratory
5. Temperature-Humidity-Vibration Comprehensive Test System
6. Radio Laboratory
7. Dimensional Metrology Laboratory
8. Special-Equipment (Safety Valve) Laboratory