



CTC Dongguan Lab

CTC Dongguan Laboratory, established in 2009, specializes in the physical and chemical performance testing of personal protective equipment (PPE), footwear, leather goods, and textiles.

Currently, the laboratory employs approximately 160 staff and operates within a 3,000-square-meter facility. We have a team of seasoned experts dedicated to serving both the European and Chinese markets, with over 14 years of experience in servicing major clients. Over the years, we have closely followed market trends to provide clients with precise quality control solutions, helping them maintain and enhance their brand reputation.

The **CTC Physical Laboratory** covers an area of over 700 square meters and is staffed by more than 50 professional technicians. It offers over 500 testing programs accredited by CNAS and CMA, aligned with domestic and international standards. The lab has achieved an average annual business growth rate of 15%, with a total of 176,000 tests conducted in 2024.

The **CTC Chemical Laboratory** spans more than 500 square meters, with approximately 200 square meters equipped with advanced chemical analysis instruments, including **GC-MS** (Gas Chromatography-Mass Spectrometry), **HPLC** (High-Performance Liquid Chromatography), **LC-MS/MS** (Liquid Chromatography-Tandem Mass Spectrometry), and **ICP** (Inductively Coupled Plasma Optical Emission Spectrometry).

The chemical lab has over 20 professional technicians and performs nearly 80,000 high-quality chemical tests annually. Testing can be conducted according to nearly 100 domestic and international standards such as GB, ISO, EN, and CPSC.

In 2025, the laboratory continued to invest in equipment, adding another **LC-MS/MS** instrument to significantly enhance testing capabilities for per- and polyfluoroalkyl substances (PFAS). To date, the lab has successfully developed analytical methods for nearly 400 types of PFAS and their salts.

Additionally, the lab is actively expanding into new areas, introducing testing equipment for food contact materials and chemical permeation testers. This enables comprehensive testing of the safety and chemical resistance performance of food contact materials.

