

BRAND CATALOGUE

Global manufacturer of
expert laboratory solutions



Techcomp Lab Products consists of the following:

Dynamica (UK) Specialists in centrifuges for use in life science research, analytical and academic purposes.

Edinburgh Sensors (UK) Supplying end users and OEMs with a wide range of IR Gas Detection systems.

Froilabo (France and Romania) Specialising in high-quality temperature control and humidity laboratory equipment.

Precisa (Switzerland) Offering a complete range of high precision weighing solutions.

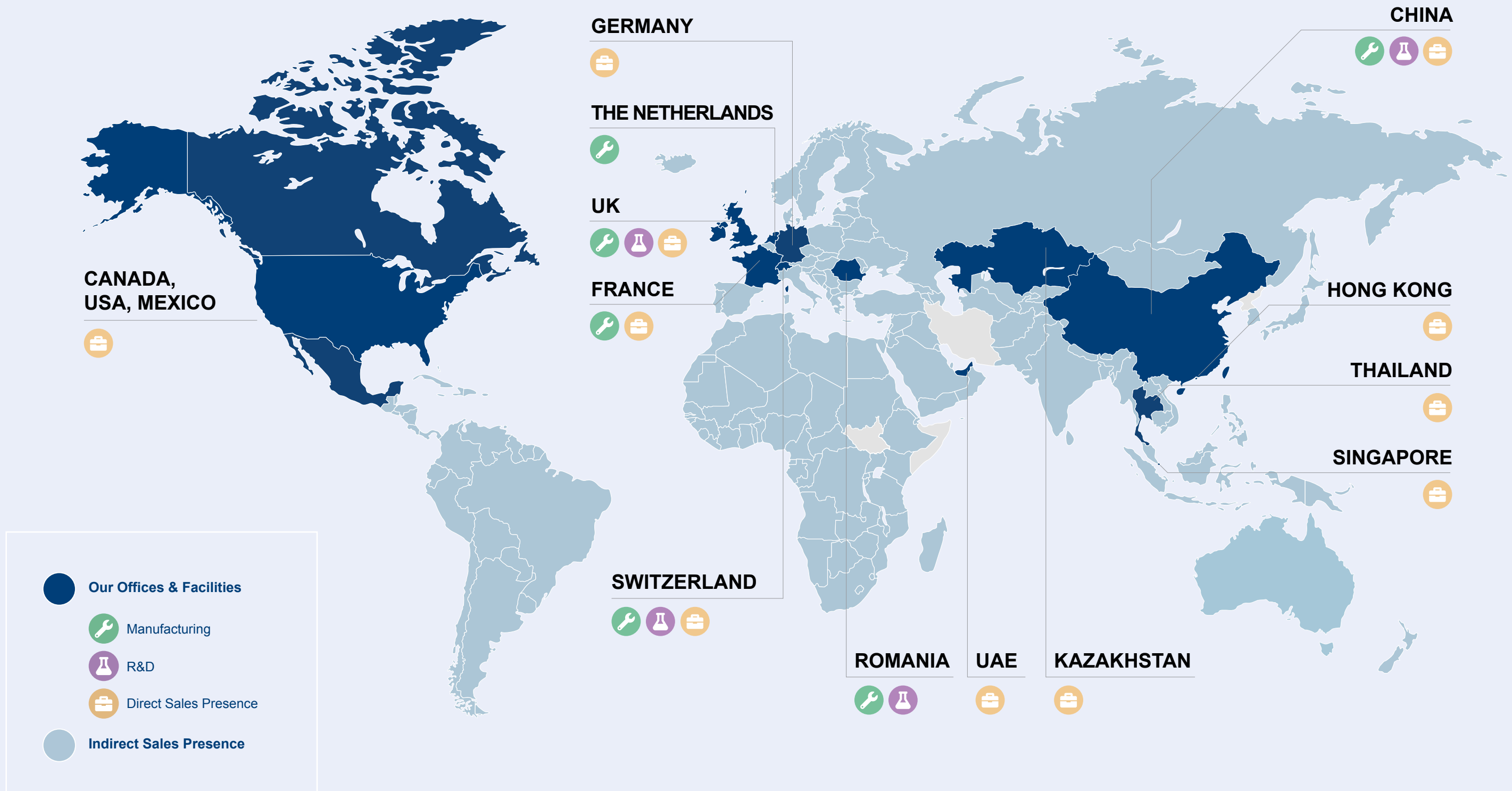
Introduction

Techcomp Lab Products is part of Techcomp Ltd which comprises a group of European companies involved in the manufacture and distribution of analytical systems, life science equipment and laboratory instruments with operations dating back to 1920.

Techcomp lab products ensures all your laboratory needs are met, and is the one stop solution for all stages of analysis, from sample preparation to storage.



Our Global Network





Sample Preparation

Sample preparation is a crucial step in all laboratory procedures. It is the foundation of accurate analysis, and significantly impacts the reliability and robustness of laboratory results. Prepare your sample with ease using the highest quality products to generate reliable and accurate results. Techcomp lab products ensures that all your laboratory needs are met, and is the one stop solution for all stages of analysis, from sample preparation to storage.

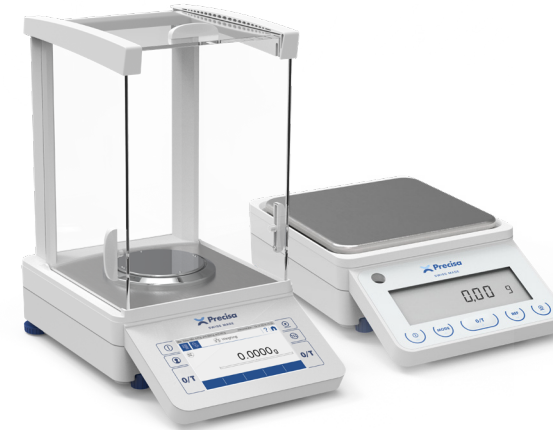
Centrifuges

Dynamica's wide range of centrifuges includes microcentrifuges, high speed centrifuges, and versatile centrifuges to ensure suitability for many laboratory applications. Our centrifuges meet all of your requirements, with a capacity range from 0.2ml micro-volume tubes to 50ml tubes. With refrigeration, auto rotor-locking, and a high imbalance tolerance, you can ensure a simplified centrifugation process.



Laboratory weighing

Precisa's high quality semi-micro, analytical, and precision balances for laboratory weighing are characterized by Swiss quality, high resolution, and precision.



520 Balance – the balance for all budgets

The Precisa 520 balance contains the all new weighing cell, the PHASTbloc™ (Precisa Hybrid Advanced Sensor Technology) which integrates the benefits of a monolithic design with reparability, durability, and sustainability.

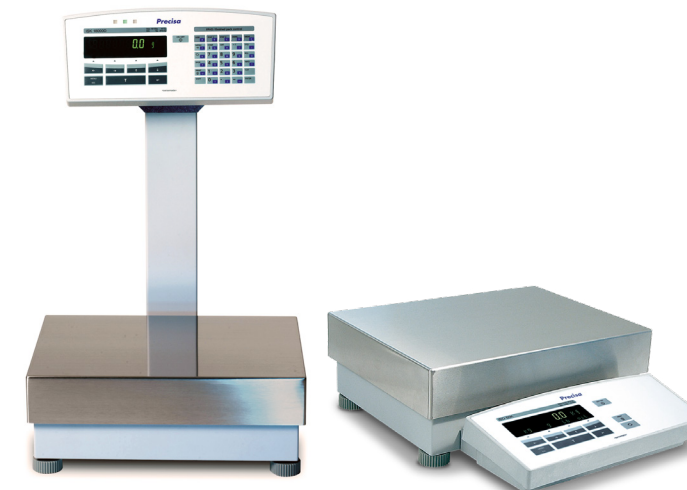
The ideal balance for all budgets: the 520 is available in 2 models, the PT (touch screen) or the PB.



390 Balance – reliability, reproducibility and accuracy

The Precisa 390 balance contains key features to provide the best possible accuracy and precision for your weighing results. Available in 4 models: HF, HA, HE, HM, we guarantee there will be a balance that's right for you.

Our unique balance offers you the best ergonomics and results, with a low weighing pan, and additional features to minimize errors which may occur when weighing.



490 Industrial Scales

As well as high precision balances, Precisa also has industrial scales on offer, which has a capacity of up to 60kg. With the ability to pick between 3 different interfaces, our scales meet your specific needs.



Sample Preservation & Storage

Sample preservation plays a vital role in the laboratory. Storage conditions can have a significant impact on your sample quality, which in turn affects data results, reproducibility, and reliability. Ensuring appropriate sample storage helps maintain sample integrity, whilst preventing sample degradation. Techcomp Lab products have your sample storage needs covered, with a wide range of incubators, freezers, and cryogenic storage options available.

Incubators

Froilabo incubators come with natural or forced convection, which is available with or without refrigeration. Our incubators can efficiently maintain the ideal conditions for optimal growth, to ensure sample viability.



Cold storage

Froilabo specializes in cold storage, with a versatile range of low temperature freezers, ultra-low temperature freezers, and cryogenic storage. Our range includes five different volumes, with a capacity from 175L to 1000L. Froilabo guarantee of safeguarding scientific progress and valuable research through maintaining the integrity of your samples.



Evolution Freezer

Optimized for frequent use within the laboratory, this model is available as either a -45°C or -86°C freezer. Your sample integrity is our priority, with the Evolution freezer you can ensure high performance with maximum sample security. Priority is given to fast temperature recovery without compromising power consumption.



Trust Freezer

Optimized for long term sample storage, the Trust is available as either a -45°C or -86°C freezer. Combining safety, innovation, and performance makes this robust freezer the ideal solution for long term sample storage. Priority is given to robustness and security, with an intuitive and clear interface.



Blast Freezer

The Blast freezer is capable of rapid and powerful cooling to ensure that your samples are appropriately prepared for ULT storage. With high performance capabilities, which allows you to reduce sample temperature from ambient to -30°C in less than an hour. Our design reduces the burden on your -80°C freezers which are designed for long term temperature stability.



Cryogenic Storage

Froilabo offer a comprehensive range of cryogenic storage systems, created to provide efficient and reliable sample storage and safe liquid nitrogen handling and transport.



Sample Analysis

Sample analysis plays a vital role within a laboratory, as it affects results, quality, and the occurrence of errors. Obtaining accurate results is essential, as they are the foundation of making informed decisions, cost efficiency and risk reduction across multiple industries. Here at Techcomp, we understand the need for reliable results, which is why we offer high-quality analysis solutions, so you can ensure continual accuracy and reliability.

PrepASH®

Precisa's prepASH thermogravimetric analyzer combines high performance, ease of operation, precision, and integrity of measurement to maximize time and accuracy during thermogravimetric analysis, as well as offering traceability in all measurements. Combining a muffle furnace, high precision analytical balance and automation, the Series 340 prepASH can measure moisture, ash, and volatiles of up to 12, 19, or 29 samples simultaneously.

Our prepASH can operate across a wide temperature range of 50°C C to 1000°C, with freely definable ramp and hold temperatures to facilitate moisture, volatiles and ashing in one single weighing.



Moisture Analyzers

For the most accurate measurements and results of moisture content, Precisa excels with a wide variety of moisture analyzers, which meet the highest moisture analysis requirements in research, production and quality control.



Series 530 - Moisture Analyzer

Our new moisture analyzer the Series 530 offers the highest quality and accuracy, and features the PHASTbloc™ weighing cell at its core. With exciting new features which includes automated lid opening, status indication and increased performance, our 530 moisture analyzer is the ideal solution for samples which require high precision.



Series 365 - Moisture Analyzer

The series 365 moisture analyzer offers the highest quality standard which provides both a high degree of precision, simplicity of use, and an outstanding array of additional options. The fully automatic moisture analysis of samples makes our Series 365 the optimal solution for a wide array of samples.



Sample Integrity & Stability

Sample integrity and stability are critical aspects within laboratory practices, and affect the accuracy and reliability of results. Deviation from proper sample handling can lead to error prone results, which in turn can lead to incorrect next steps within the laboratory. Here at Techcomp, we are dedicated to the creation of equipment which maintains sample integrity and stability, to ensure you continually receive accurate and reliable laboratory results.

Thermal Forcing system: Dragon

The Froilabo Dragon is a state-of-the-art temperature forcing system which is designed for thermal tests which require extreme temperatures and fast, accurate results. Our robust design contributes to maintaining sample integrity and stability throughout various scientific processes. The Froilabo Dragon is the ideal choice for heating electronic components, performing climatic simulations, temperature cycling, and target freezing.



Climatic chambers

The Froilabo environmental chambers can perform drying, accelerated ageing, stability testing, electrical testing and more. With a precise temperature range from 10°C to 60°C and adjustable humidity levels (from 10% to 95%) our chamber mimics real world conditions. Our climatic chamber plays a pivotal role in scientific success by enabling controlled experiments, ensuring sample quality, integrity, and stability.



Ovens

Froilabo ovens play a crucial role in maintaining sample integrity and stability within laboratory environments. Designed to provide precise and homogeneous temperature control, with a temperature range from ambient +10°C to +250°C. With volumes from 60L to 714L, you can be sure you will find the right Froilabo oven for you.





Lab Safety & Sustainability

Ensuring safety and sustainability within the workplace benefits individuals, research and the broader community. Laboratory safety is essential for personal well-being as well as responsible workplace practice.

Gascard and Guardian

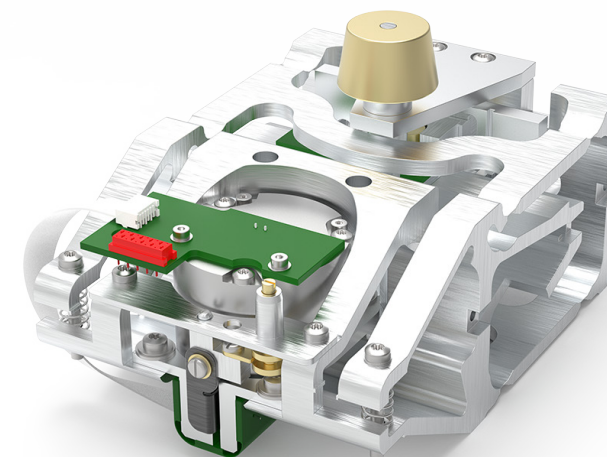
Edinburgh Sensors products offer high accuracy, with continuous atmospheric sampling for the detection and measurement of gases. The Gascard and Guardian play a crucial role in enhancing laboratory safety, as it alerts personnel to the presence of hazardous gases such as carbon monoxide. This prompt identification of gases helps prevent accidents, and ensures a safer working environment. We also offer product customisation, so that you can receive a product that is tailored to your exact requirements.

The Guardian features both audio and visual alarms which can be set by the user, and the Gascard is the optimal product to be integrated into other systems.



PHASTbloc™ weighing technology

Techcomp Lab Products proudly presents the Precisa PHASTbloc™ (Precisa Hybrid Advanced Sensor Technology). Combining the benefits of conventional weighing cells with a monolithic design, this novel technology results in more accurate weighing whilst also being cost effective and sustainable. Enabling the efficient maintenance and repair of a weighing cell instead of replacing it – sustainability in practice.



Key Features In Our Products



Low weighing pan

The Precisa 390 balance offers an exceptionally low weighing pan, allowing for easy and convenient placement of samples.



Auto-Lock Rotor

Dynamica centrifuges offer an auto-lock rotor, simply place the rotor onto the drive shaft, and the auto lock and secure mechanism perform the rest.



Cryo-accumulator option

Froilabo freezers ensure sample safety with the cryo-accumulator option, which results in the delay of temperature rising in the event of a power failure or following frequent door openings.



Liquid CO₂ Injection

An additional safety feature for your samples can be found in both the Trust and Evolution freezers. Liquid CO₂ is injected into the freezer, which helps delay the temperature rise within the freezer caused by extended power outages.

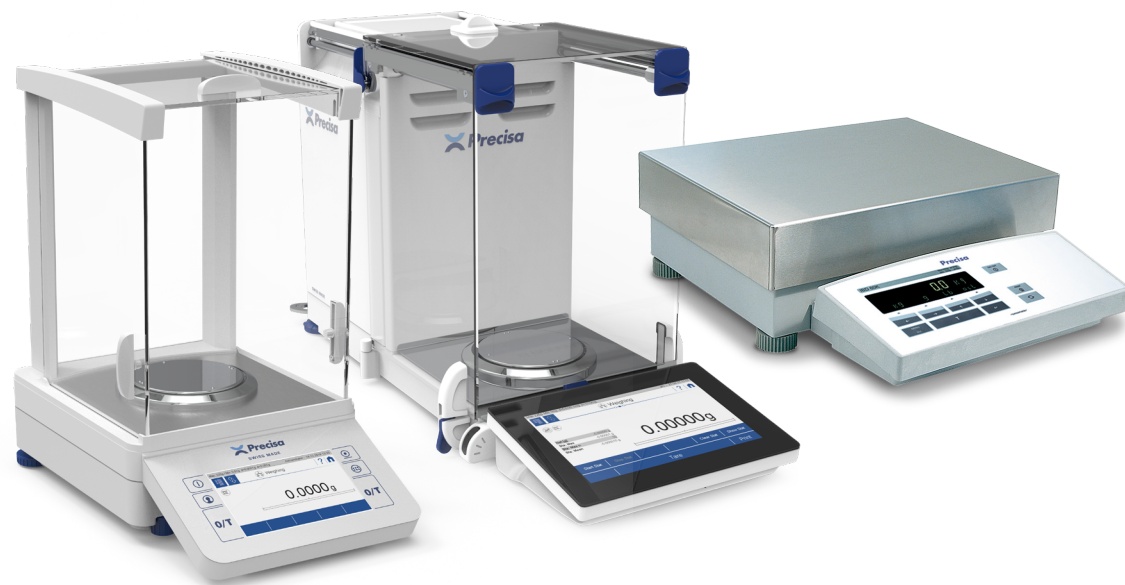


Precision Weighing Solutions

Since 1935 Precisa has developed and manufactured the finest balances and equipment of its type in the world. Renowned for Swiss quality and precision, Precisa is globally acknowledged as a leading balance manufacturing company. Diverse, flexible and multi-faceted in inception and development, our success is founded on these core values: in each phase of development, Precisa has been innovative, courageous, and stamped with the spirit of pioneers.

Lab Weighing and Industrial Scales

Our high-quality semi-micro, analytical and precision balances for laboratory weighing are characterized by Swiss quality, highest resolution and precision, short reaction and stabilization times and versatile interfaces. Like precision balances, our industrial scales are used in incoming inspection, for dosing, as checkweighers in finished packaging and for counting. They are suitable for a tough working environment, as is often the case in production areas.



Temperature Control Equipment

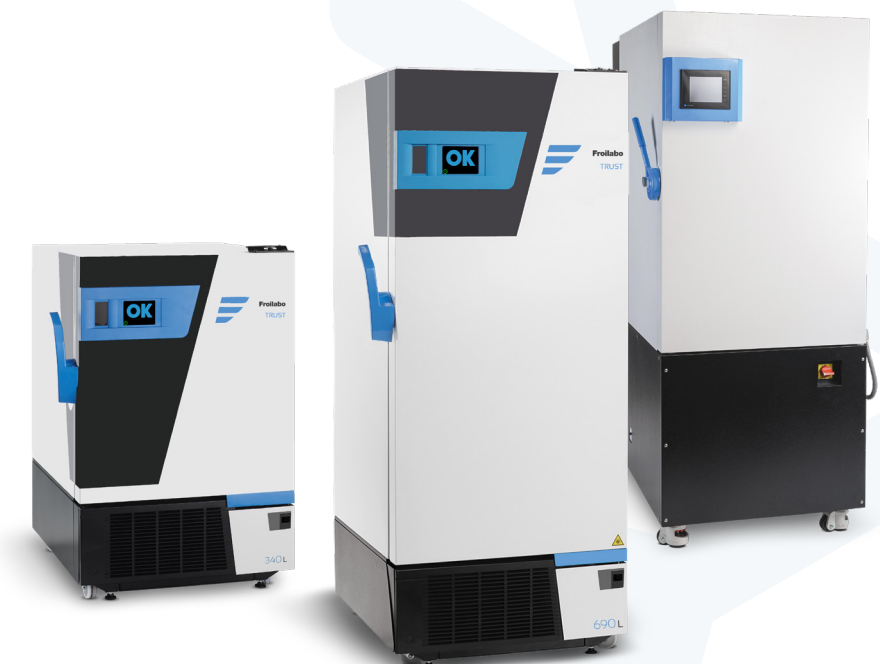
With over 100 years of experience in the development and manufacture of temperature controlled laboratory equipment, the preparation and preservation of samples is at the heart of everything we do. We are dedicated to the creation and delivery of world class temperature controlled products, giving our customers complete peace of mind.

ULT Freezers

Our versatile range of freezers are designed with the customer in mind. With 5 different volumes ranging from 175L to 1000L, three types of user interface and a full range of options and accessories you are sure to find the best solution for your sample storage needs.

Blast Freezers

The perfect companion to your ULT freezer. The Froilabo blast freezer is capable of rapid and powerful cooling to ensure that your samples are appropriately prepared for ULT storage.





Laboratory Centrifuges

Dynamica is an international company which specialises in the development, production and provision of centrifuges for use in life science research, analytical and academic purposes. Dynamica's range of centrifuges are characterized by quality and safety. Complemented by a wide array of convenience features with an extensive model range, they are suitable for many laboratory applications.

Centrifuges

Dynamica's wide range of centrifuges ensures that you can find one that's right for you. With various key features which includes automatic rotor recognition, auto-lock rotors, high imbalance tolerances, and fast acceleration and deceleration.



Gas Detection Solutions

Founded in 1971, Edinburgh Sensors has become one of the world's leading manufacturers of gas sensors for cutting-edge gas sensing solutions. The application of the company's continued research and development has contributed to several major advances in the world of infrared gas sensing and delivered a comprehensive portfolio of products for the detection of CO, CO₂, CH₄ and many other gases. The diverse range of robust OEM Gas Sensors and Gas Detectors enable fast, reliable and continuous gas detection. With a global reputation for high performance, the gas detection products are perfect for applications where accuracy, safety and reliability are paramount.

Guardian NG

Complete Boxed Solution

- Fixed, fully enclosed gas detector system
- Local display and sampling pump included as standard





Techcomp Europe Ltd

4 Bain Square, Kirkton Campus
Livingston, EH54 7DQ, UK

T: +44 (0)1506 425 300
sales@techcomp-instruments.com
techcomp-instruments.com

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To contact our
individual Lab
Products brands,
please use the
following emails.

Precisa
info@precisa.ch

Froilabo
sales@edinst.com | commercial@froilabo.com

Sensors
sensorssales@edinst.com

Dynamica
info@dynamica-eu.com | enquiry@dynamica-sci.com