

CONTROLSGROUP



THE CIVIL ENGINEERING TESTING PARTNER

A partner you can trust

Unrivalled industry expertise and operations,
wherever you need it

www.controls-group.com

CONTROLS Group, your civil engineering testing partner

Established since 1968, we lead the way in the design, manufacture and supply of equipment for mechanical testing of construction and civil engineering materials. Our testing equipment has been meticulously designed to help you deliver the most accurate and reliable testing results possible, and plays a pivotal role in the creation of safe, compliant yet cost-effective engineering infrastructure.

“We work in close partnership with our customers to understand their unique requirements ... understanding our customers in this way, and the industry as a whole, is what makes us different.”

We understand your testing needs

With over 50 years' industry experience we understand civil engineering testing intimately and work in close partnership with our customers to understand their unique requirements. This helps us to design and deliver high quality, innovative testing solutions that will withstand the test of time, yet are cost effective and affordable.

This partnership approach is at the heart of our business.

Understanding our customers in this way, and the industry as a whole is what makes us different. Our team is the largest in the industry, capable of delivering unrivalled levels of customer service and technical support anywhere in the world to ensure we continue to lead the way. So, it's not just a product you're acquiring, it's a partnership and solid network of support that you're buying in to.

Pasquale Di Iorio, CONTROLS Group CEO since 1995

Three renowned brands you can trust

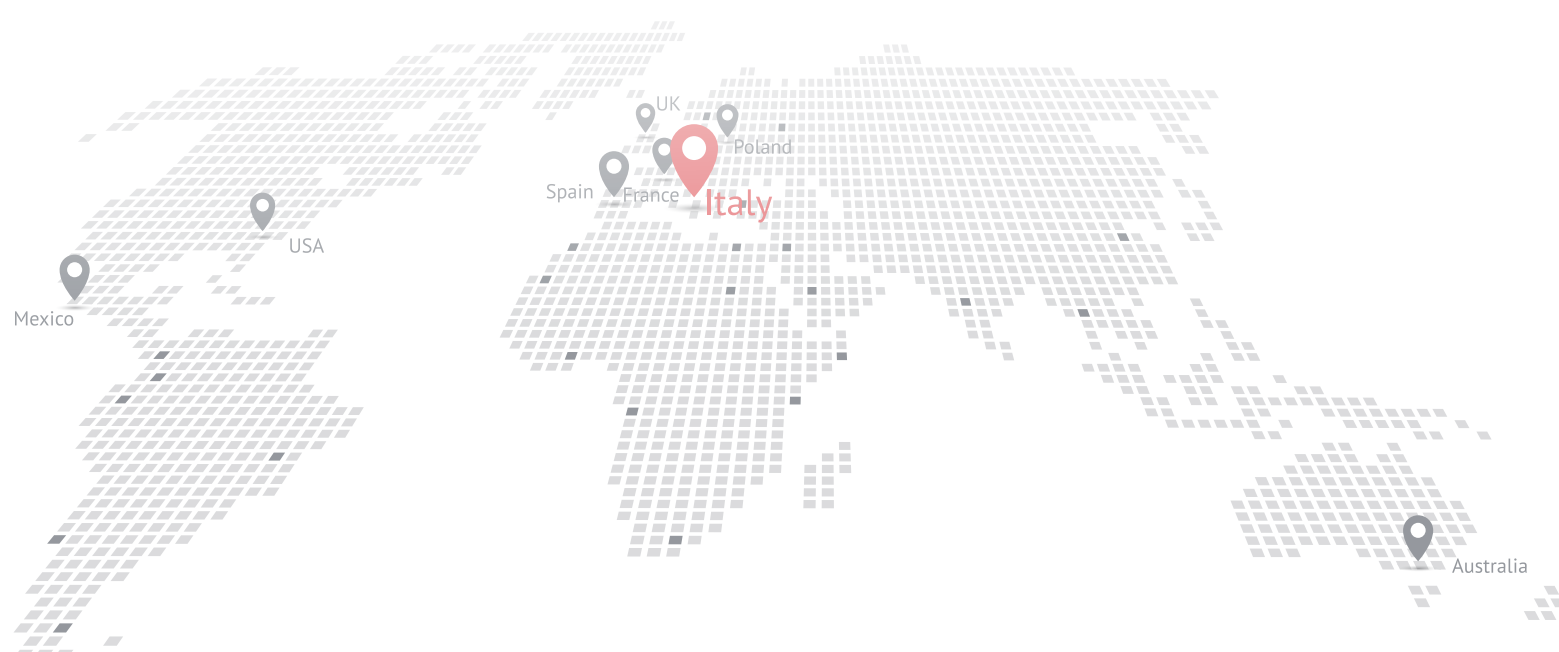
Our three global brands — CONTROLS, IPC Global and Wykeham Farrance — offer the largest range of laboratory and on-site precision testing equipment across the industry. From quality control to leading-edge research, our product range meets all your project requirements.



Global reach, delivered locally

With 7 international branch offices, over 100 distributors worldwide, and a dedicated team of highly experienced and knowledgeable product specialists, our technical sales and support is the largest and most capable in the industry.

Wherever you are in the world we have the global reach to provide access to the relevant technical expertise. So as a CONTROLS Group customer you can be sure the right level of expert knowledge, pre-sales advice and post-sales technical support is always close at hand.



CONTROLS GROUP AT A GLANCE



Established since 1968,
with **50+** years' experience



3 advanced R&D centers
in ITALY, UK & AUSTRALIA



7 International
branches



22,000 CONTROLS
compression machines
worldwide



15,000 laboratories
in over 100 countries



100+ distributors on
seven continents

50 YEARS of continuous innovation and product development

Established in 1968, CONTROLS Group has amassed over 50 years' experience of innovation and technical leadership in civil engineering and construction materials testing.

During this time, we have developed a deep understanding of the requirements of our customers and their needs for accuracy, usability, reliability, flexibility and compliance with international standards.

CONTROLS Group embraces innovation and forward-thinking, and we invest in a robust policy of continuous research and product development. Coupled with our in-house Training Laboratory, our customers, distributors and staff all gain from these latest developments, innovations and know-how. The result is that all our customers benefit from the real lifetime value through owning one of our products.



Advanced product training and R&D facilities

CONTROLS Group's 8,000m² manufacturing and commercial headquarters, located in Milan, Italy, include industry-leading, product training and R&D facilities to improve efficiency and further enhance quality standards across both our product range and support services which are delivered globally.



50
CONTROLS
1968-2018

Fifty years of continuous innovation



Quality standards and accreditation

The nature of this business demands products that can be relied upon to deliver testing results of the very highest accuracy and quality standards. In the early 1990s, CONTROLS Group achieved ISO:9001 registration and SIT (now ACCREDIA) accreditation for force calibration of testing equipment. Both accreditations are being kept up-to-date to comply with all latest requirements.

CONTROLS Group has continuously been an active member of all the main international standard organisations, including ISO, EN, ASTM, AASHTO and AWRG. This ensures we are not only up-to-date with the latest developments, but we are also involved in steering future development of standards to ensure they are written with practical operation and application in mind for the benefit of the end-users.

TYPICAL INDUSTRY APPLICATIONS

- > Dams and Hydraulic Schemes
- > Roads Bridges and Tunnels
- > Airports, Seaports and Harbours
- > Railways and Underground Networks
- > Irrigation Schemes
- > Sewerage and Water Schemes
- > Industrial and Housing Complex
- > Thermal and Nuclear Power Stations

A true partnership approach

Wherever you need it

Expert product advice and guidance

At CONTROLS Group, we understand the importance of selecting the right piece of equipment for your specialist needs. Through close consultation, we can evaluate your testing requirements and present a written proposal. This will advise on the recommended test methods and applications to use to address your project needs.

We pride ourselves on this tailored, pre-sales approach, and the quality of the down-to-earth advice that we deliver, all designed to ensure you select the best possible solution that meets your immediate and future needs.





Unrivalled after-sales service

Wherever you are in the world, we have the global reach to provide access to the relevant technical expertise.

All CONTROLS Group customers benefit from access to a comprehensive library of videos and documentation which has been specifically created to provide 24/7 support, wherever and whenever it is required.

In addition to these self-help resources, you also have access to a dedicated team of after-sales Service Engineers.

Our support team is equipped with the very latest real-time remote assistance software, and is at your disposal to ensure you get the most out of your equipment and are available to answer any technical or operational queries you may have.

So as a CONTROLS Group customer you can be sure the highest level of expert knowledge, pre-sales advice and post-sales technical support is always close at hand.



Training

To ensure you get maximum lifetime value from your investment, we offer comprehensive installation and training on the correct operation of your new CONTROLS Group instrument. Once you have familiarized yourself with your new precision testing system, we also offer additional levels of training.

Basic refresher training to enhance your skill level on the standard operation of your system.

Advanced system training for an in-depth understanding of your system and software, aimed at the more experienced operators or those who have already completed the basic refresher training.

Consultancy services are available covering the various steps in implementing a full materials analysis and certification process.

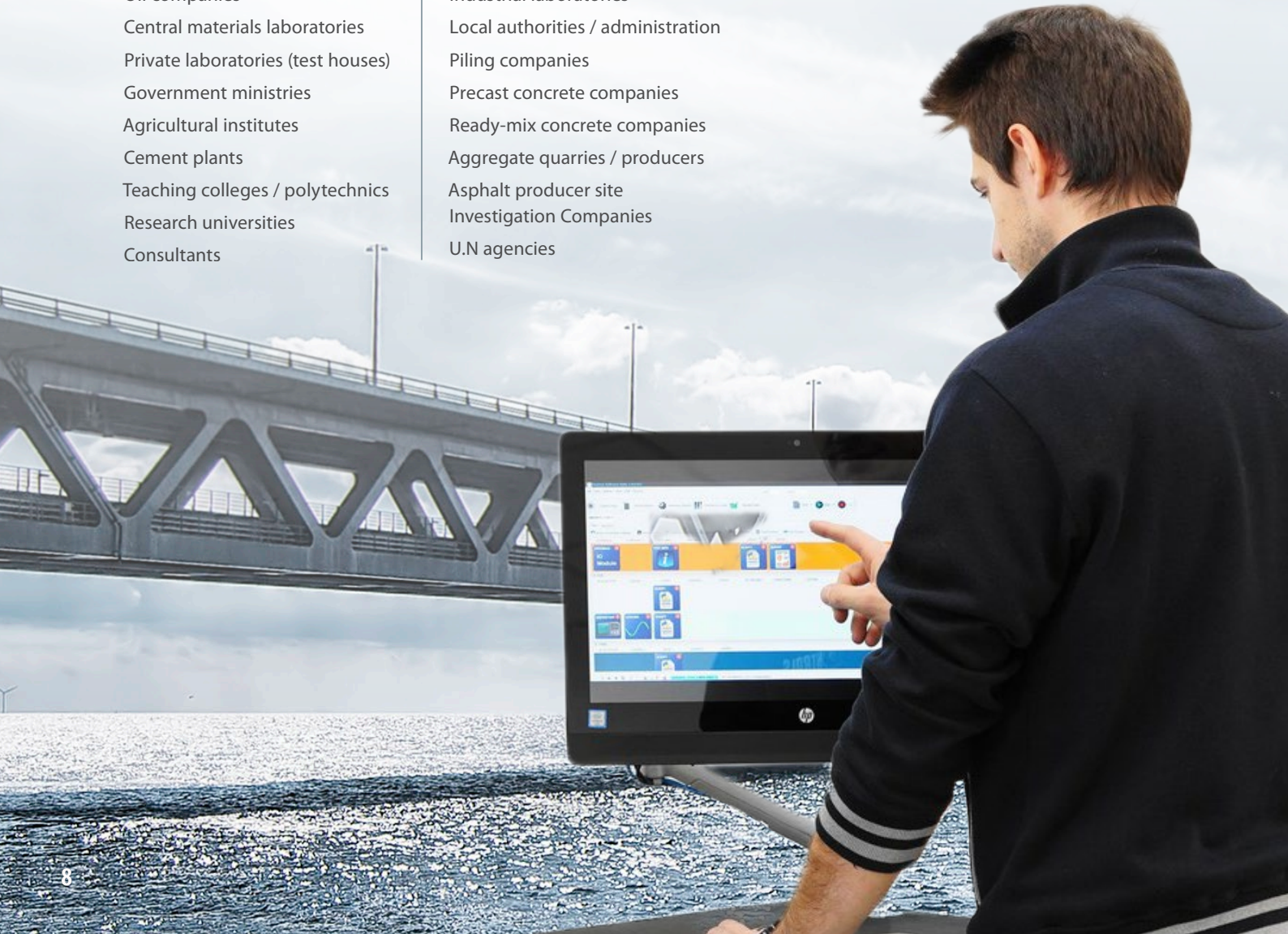
Three renowned brands you can trust



CONTROLS Group equipment has been installed in more than 15,000 laboratories worldwide. Our equipment is used extensively in numerous world class, modern, sophisticated research and education laboratories at Government Ministries, Universities, Polytechnics and Vocational Centres, as well as quality control and research facilities for contractors, producers and manufacturers.

Who we work with

- | | |
|------------------------------------|------------------------------------|
| Road contractors | Electricity companies |
| Civil engineering companies | Geologists |
| Oil companies | Industrial laboratories |
| Central materials laboratories | Local authorities / administration |
| Private laboratories (test houses) | Piling companies |
| Government ministries | Precast concrete companies |
| Agricultural institutes | Ready-mix concrete companies |
| Cement plants | Aggregate quarries / producers |
| Teaching colleges / polytechnics | Asphalt producer site |
| Research universities | Investigation Companies |
| Consultants | U.N agencies |





CONSTRUCTION MATERIALS TESTING SOLUTIONS

Established in 1968, CONTROLS has developed and supplies a complete range of testing solutions for concrete, cement and structural steel. Our systems are expertly designed and manufactured to meet the needs of every laboratory from quality control production to complex research projects.

We also supply the most complete range of soil and roads testing equipment and general laboratory equipment, making CONTROLS Group the civil engineering testing partner and a true one-stop-shop for all your testing needs.



ADVANCED PAVEMENTS TESTING SYSTEMS

For almost 30 years, IPC Global has been the researcher's choice for advanced asphalt testing equipment, leading the way in the innovation, design, manufacture and supply of the world's most advanced dynamic testing equipment for pavement materials. In 2014, CONTROLS Group extended its existing sophisticated product range and knowledge in this area with the acquisition of IPC Global.

Today, the recognition of the importance of improving, extending and maintaining high-quality road networks worldwide has led to increasing standards of advanced testing of asphalt and pavement materials, and IPC Global continues to be recognized as the global leader.



SOIL MECHANICS TESTING MADE EASY

Wykeham Farrance has been at the forefront of geomechanics and the development of advanced soil testing systems for almost 70 years. We develop innovative soil and rock testing solutions which utilize the latest technologies, making testing easy for busy geomechanics laboratories around the world.

Being part of CONTROLS Group provides a unique combination of specialist knowledge, backed by a robust industrial framework creating great synergy between each Division which results in shared technology and innovations which greatly benefits customers.

THREE RENOWNED BRANDS YOU CAN TRUST

CONTROLS

CONTROLS GROUP

A comprehensive range

OF CONCRETE & CEMENT COMPRESSION
AND FLEXURAL TESTERS **plus**
STRUCTURAL STEEL TESTING



The most extensive range of systems, loading frames and accessories for testing concrete, cement and structural steel

CONSTRUCTION MATERIALS TESTING SOLUTIONS

The most extensive range of systems, loading frames and accessories for testing concrete, cement and structural steel are expertly designed and manufactured to satisfy the most important EN, ASTM and other International standards. Our commitment to high precision and continuous improvement delivers technologies that make a substantial contribution to the civil engineering industry and help deliver top quality construction materials.

- Compression
- Flexural
- Cyclic
- E Modulus
- Poisson's Ratio
- Position control FRC
- Tensile

One-stop-shop

FOR ALL YOUR CIVIL TESTING AND LABORATORY EQUIPMENT

Our extensive range of equipment has been carefully designed and built to provide superior quality testing results that addresses all your needs.



Sieving and weighing instruments



Environmental chambers and ovens



Bearing capacity: CBR, Proctor, Marshall and plate bearing



Aggregate testing machines



Mixers and specimens preparation devices



Coring and sampling



Measuring instruments: sensors, datalogger, software



Calibration devices



Mobile laboratories

THREE RENOWNED BRANDS YOU CAN TRUST



The researcher's choice

FOR ADVANCED PAVEMENT TESTING SYSTEMS



The most complete range of advanced static, dynamic and binder testing systems

IPC Global® represent the researcher's choice for advanced asphalt testing equipment. Our advanced machines and equipment are used by highways departments, national laboratories, universities, asphalt producers, oil companies, paving contractors and consulting engineers worldwide.



ADVANCED PAVEMENTS TESTING SYSTEMS

- Dynamic testing
- Static testing
- Binder testing
- Specimen preparation
- General pavement materials testing

THREE RENOWNED BRANDS YOU CAN TRUST



Soil testing laboratories

MOST TRUSTED SOIL TESTING PARTNER SINCE 1941

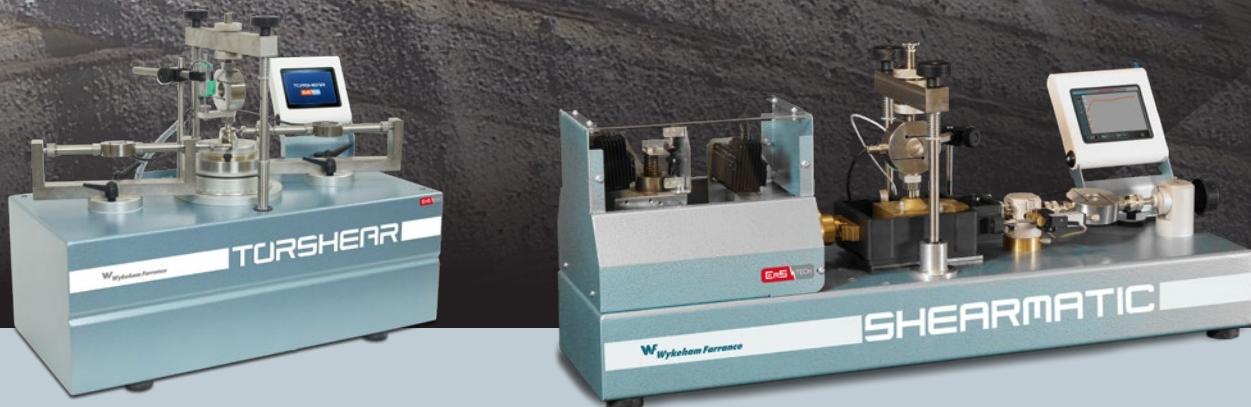


Market leading range of soil mechanics testing systems with Electromechanical Servoactuation Technology (EmS)

Our easy-to-use range of automatic, static and dynamic triaxial testing machines includes systems that benefit from the cutting-edge EmS technology. Initially developed for asphalt testing systems, this has now been applied to geomechanics, leading to a completely new range of soil testing equipment, enabling users to perform all advanced soil testing in fully automatic mode with ease.



- Clean
- High performance
- Easy



SOIL MECHANICS TESTING MADE EASY

- Consolidation testing
- Shear testing
- Triaxial testing
- Dynamic testing
- Unsaturated soils testing



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