



Engineering expertise through half a century of cutting-edge technology, manufacturing excellence and pressure innovation.

To our valued customers, our
Channel Partners, and industry peers.

At Druck, we believe that performance and reliability is not a luxury, it's a necessity.

Pressure is one of the most measured parameters on the planet; it underpins safety and performance across critical sectors. Pressure measurement is needed across all industries, from aerospace and transportation, to medical and manufacturing.

For over 50 years, Druck has been at the forefront of pressure innovation. With a wide portfolio of calibration equipment and pressure sensors for varying applications, Druck partners with customers in more than 70 countries across the globe. This trust is earned through our relentless pursuit of performance, quality, and reliability.

Market leading technology and world firsts

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The original technology was used for the invention of Druck's ADTS pitot static testers (another world first), whereas now TERPS technology leads the way. From our PACE pressure controllers that offer industry-leading control speed, precision, and long-term stability, to the TERPS 8000 Series of pressure sensors, that provide unmatched levels of stability and robustness; Druck technology makes no compromises.

In 2024, Druck's pressure technology achieved a new peak of performance by introducing PACE Tallis, a modern, digital transfer standard calibrator, rivalling the decades old deadweight tester. Leveraging the pinnacle of TERPS technology, PACE Tallis provides a totally unique solution with low drift and precision down to 5 ppm FS.

What sets Druck apart is our in-house, integrated design and manufacturing process. From silicon wafer fabrication in our Class 100 cleanroom, to the final product assembly, every stage of the manufacturing process is controlled at our HQ facility in Leicester, UK.





Everything starts with the core – our silicon

The foundation of accuracy, stability and performance is what differentiates Druck from the competition. Building on the world's first piezo-resistive pressure sensor, we have continued to innovate and push the boundaries of silicon technology.

With over 300 unique silicon types in active production, Druck offers unmatched flexibility to meet the most demanding customer requirements.

At Druck, our silicon's raw performance is so precise that it requires minimal curve-fit correction, delivering near-perfect accuracy straight from the wafer. This isn't just a technical achievement; it's a major advantage for our customers. Fewer corrections mean fewer calibrations are required by the user, reducing the lifetime costs. It also ensures consistency across silicon batches, giving customers confidence in every Druck pressure sensor.

Our silicon is more than just stable - it matures like a fine wine. Druck pressure sensors and calibrators deliver world-class performance straight from the box, but their drift characteristics improve further with age. This means our sensors maintain exceptional accuracy and reliability over extended lifecycles, with customers benefiting from accurate and reliable pressure data from Druck technology for decades.

With over 300 unique silicon types in active production, Druck offers unmatched flexibility to meet the most demanding customer requirements. Controlling this entire process enables Druck to maintain the highest standards of quality, consistency, and traceability across the entire business.

Uncompromising quality

With a culture of lean, six-sigma and zero-defects underpinning all aspects of production, our facilities operate under rigorous quality-control procedures, supported by advanced manufacturing technologies.

By owning the entire production process, from silicon die to the finished instrument, we ensure that every Druck product reflects our commitment to excellence.

From cobot driven automated processes within our wafer fabrication clean room, world class optical inspection of our chips, automated die placement and wire bonding and significant advances in our welding technologies, we continuously improve every aspect of our manufacturing processes to ensure that our products can provide our customers with unrivalled performance

At our HQ in Leicester, we use more than 500 of our own PACE pressure controllers built into our automated pressure and temperature rigs, to thoroughly test and cycle our sensors to ensure accuracy over the operating temperature range. With many process steps built into our manufacturing, we ensure every sensor and instrument passes rigorous quality levels.

Thanks to our unwavering commitment to quality and excellence, Druck has earned ISO45001 accreditation for Occupational Health & Safety, as well as ISO9001 and AS9100 certifications for Aerospace Quality Management. Our UKAS ISO17025:2017 accredited laboratory ensures the highest standards in calibration and repair, while our NADCAP accreditation for welding processes reflects our dedication to industry-leading quality and reliability. By owning the entire production process, from silicon die to the finished instrument, we ensure that every Druck product reflects our commitment to excellence.





What Druck does matters

Druck's pressure sensors and pressure calibrators are used in many of the world's most critical industries, supporting vital infrastructure and processes.

**Druck
technology
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If you have ever been on a commercial aircraft – chances are, there are multiple Druck flight-qualified pressure sensors monitoring and controlling processes on the plane, from engine monitoring to cabin air pressure.

Druck pressure sensors are also used to monitor environmental changes, weather conditions, readings on satellites and spacecraft.

The underlying reason for Druck's success across the last half-century is that we don't cut corners or compromise. Our equipment is not only accurate and reliable, it is also robust.

Druck pressure products are engineered to withstand extreme temperatures, vibration, and environmental stress. Whether monitoring blood pressure as part of biomedical devices, supporting early warning flood defence systems, shaving seconds from British Superbikes lap times, or enabling energy transition infrastructure, Druck technology delivers peace of mind where failure is not an option.

A legacy of innovation and a customer-first approach

Innovation is embedded in Druck's DNA. We invest continuously in R&D, advanced manufacturing, and talent development globally to stay ahead of industry needs.

We have engineers, application specialists and commercial team members in many countries so you can speak to someone in your own language and get what you need.

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Meanwhile, our customers are front-of-mind in everything we do. We design solutions that solve real-world problems and promote safety in the harshest conditions. Druck has a rich history of working closely with customers to customise products to solve pain points. Our dedicated project teams create custom product offerings that are tailored to niche applications that require a complex solution.

Druck's team of engineers are here to support you. Many of our products start with a customer request or unique requirements. In any one calendar year we are working on more than 150 projects or programs, that we call CPO (Customer Product Opportunities), that are designed so you do not have to compromise with an "off the shelf" solution.

Whether you need a laser-marked sensor personalized with your business' name or a fully customized system built around Druck's advanced pressure technology, our team is ready to help. From initial delivery and integration through every stage of the product lifecycle, the Druck global team is committed to supporting you every step of the way.





What do our customers say?

We never compromise on quality and performance. As a critical supplier to the world's most challenging industries, Druck's pressure technology needs to perform time-after-time, without deviating from requirements.

Our portable pressure calibration equipment has commonly been referred to as 'the Druck', with many customers enjoying usage for decades.

We pride ourselves on this performance, but what do our customers say?

Druck has been supplying pressure sensors to the aerospace industry for use on major programs for over 30 years; we have more than 600,000 pressure sensors in service today. A key aviation customer for Druck has fed back that after many years of use, Druck's sensors **"perform way better than specification"**.

Our portable pressure calibration equipment has commonly been referred to as 'the Druck', with many customers enjoying usage for decades. In the wastewater utility industry, Druck's calibration equipment saves customers a **"ton of time compared to previous systems"**. Likewise, customers in the gas utility market **"just grab the Druck"** when performing pressure calibrations.

One customer in the automotive OEM industry has implemented thousands of Druck pressure sensors in the test cells since the 1990s, citing that they **"don't drift"** and all they need to do is **"check the calibration"**.

Visit [druck.com](https://www.druck.com) to find out more about what Druck's customers say.

Looking ahead

As industries evolve, new challenges and requirements emerge. These challenges require innovative solutions.

Druck remains committed to pushing the boundaries of pressure measurement.

With continued investment into new technology, manufacturing processes, and a world-class workforce, Druck will deliver solutions that keep us at the forefront of product quality and efficiency.

Gordon Docherty
Druck President

