

## Druck's Test & Calibration range

Druck's Test & Calibration leverages 50+ years of pressure expertise to create market leading portable pressure calibration equipment, pressure controllers and indicators, and pitot static testers.

Renowned for reliability and performance in the harshest environments, Druck's Test & Calibration range is the equipment of choice for engineers globally.

### Pressure calibrators



#### DPI610E & DPI610E-IS

A rugged, handheld pressure calibrator combining pressure generation, signal measurement, and loop power with a pressure range from vacuum to 1000 bar (15000 psi), ideal for portable calibration in harsh environments



#### DPI611

A portable, compact pressure calibrator offering fast pneumatic pressure generation and measurement up to 20 bar (300 psi), designed for simple, efficient field use.

### Multifunction calibrators



#### DPI620G & DPI620G-IS

A modular, flexible multifunction calibrator with electrical, frequency, temperature, and pressure capabilities, supporting pressure measurement from 2.5 mbar to 1000 bar.

### Loop calibrators



#### UPS4E

A rugged and extremely compact loop calibrator, designed to be operated with one hand. Measure or source 0 to 24 mA with accuracy of 0.01%. Step, span check, valve check and ramp functionality.

### PACE Pressure controllers and indicators



#### PACE Tallis

A digital transfer standard calibrator, delivering unrivalled accuracy. Designed for test bench, bench top and panel mount calibration, test and monitoring applications.



#### PACE 1000

High precision pressure indicator for testing, monitoring and calibration.



#### PACE5000 E

Market-leading, single-channel modular pressure controller offering high-speed, high-accuracy calibration with interchangeable control modules. Ideal for lab and industrial use where space and flexibility are key.



#### PACE6000 E

Market-leading, dual-channel modular pressure controller that supports single, auto-ranging, or simultaneous dual pressure control, providing enhanced flexibility and throughput for advanced calibration and test environments.

### Pressure indicators & gauges



#### DPI705E & DPI705E-IS

A robust, high-accuracy digital pressure and temperature manometer with plug and play remote sensors. Ranges from  $\pm 25$  mbar to 1400 bar, ideal for general-purpose pressure and temperature indication.



#### DPI104 & DPI104-IS

A digital pressure gauge series, offering high accuracy and stability with ranges from vacuum to 1400 bar, ideal for test and calibration applications.

### Pressure generation bases (for use with DPI620G)



#### PV624 Portable automatic/hybrid pressure controller

A portable fully automatic and hybrid pressure controller from 2.5 mbar (1" H<sub>2</sub>O) to 20 bar (300 psi).



#### PV62X & PV62X-IS Pressure generation bases

A range of pressure generation base stations (including PV621G, PV622G, PV623G) supporting pneumatic and hydraulic pressures up to 1000 bar, designed for modular calibration systems.

## Calibration management software



### 4Sight2 Calibration Software

Druck's calibration management software that automates and manages calibration workflows, integrates with Druck instruments, and supports compliance and traceability. Ideal for automating closed loop calibration systems with Druck hardware.

## Temperature calibrators



### DryTC165 & DryTC650

DryTC165 and DryTC650 dry block calibrators deliver high-accuracy, stable temperature calibration from  $-35^{\circ}\text{C}$  to  $650^{\circ}\text{C}$ . Ideal for industrial process and instrumentation testing.

### Premium Temperature Calibrators

Offering six units, high accuracy, high speed temperature calibrators, covering a range from  $-50^{\circ}\text{C}$  to  $700^{\circ}\text{C}$ . Including four multifunction units (PTC165, 165i, 255 & 255i) and two include integrated measuring instrument (PTC165i/255i).

## Calibration accessories



### PM620 & PM620-IS

Modular pressure modules for the DPI620G system, offering fast, tool-free interchangeability and high-accuracy calibration across a wide pressure range from 70 mbar to 1000 bar, optimised for field and lab use.



### PM620T & PM620T-IS

High-accuracy pressure module, offering absolute pressure measurement from 350 mbar to 100 bar abs, with TERPS technology for enhanced stability and precision.



### PM620LP

Ultra low pressure module for calibration and measurement from 2.5 mbar diff to 25 mbar differential.



### Pressure hand pumps

Pneumatic and hydraulic pressure pumps (PV210, PV211, PV212 & PV411) supporting ranges from vacuum to 1000 bar, ideal for portable field calibration applications.

## Air Data Test Sets (ADTS)



### ADTS 542F

A small, lightweight and cost-effective portable two-channel flightline air data test set. Available as non-RVSM or RVSM versions.



### ADTS 55X Series

Our range of high accuracy and reliable Air Data Test Sets for a solution to any aircraft application.



### ADTS 405 MkII

Highest performance Air Data Test Set system with military and civilian applications.



### DPI610E-Aero

A low cost yet flexible portable calibrator for precision leak testing of aircraft pitot static systems.

# Druck pressure sensors range

Druck's pressure sensors are renowned for accuracy, long term stability and customisation that provides tangible benefits recognised by their customers.

From flight qualified aerospace pressure sensors, to industrial sensor solutions, ideal for wide a range of industries and applications.

## UNIK5000 Product Line



### UNIK5000

A modular, configurable pressure sensing platform offering high accuracy (up to  $\pm 0.04\%$  FS) and pressure ranges from 70 mbar to 700 bar. Ideal for a range of industrial applications. Available to order on short lead times from online configuration tool.



### UNIK5600 & 5700

Marine-certified pressure sensors designed for ballast and fuel management systems, with real-time monitoring and pressure ranges typically up to 700 bar.



### UNIK5800 & 5900

Rugged, flameproof/ explosion-proof sensors based on the UNIK5000 platform, offering ranges from 2 to 700 bar and hazardous area certifications for oil, gas, and process industries



### UNIK5000-UHP

Ultra high purity pressure sensor, ideal for semiconductor and high-purity gas applications. Pressure ranges from 1 bar to 350 bar

## ADROIT Product Line



### ADROIT6000

A high-performance digital pressure sensor with hazardous area approval in a 25 mm diameter body tube. Pressure range from 68 mbar to 700 bar with total accuracy including temperature effects to 0.1% span.



### ADROIT6200

A high-performance digital pressure sensor platform designed for aerospace and industrial applications, offering advanced diagnostics and high accuracy across temperature. Pressure range from 68 mbar to 350 bar with total accuracy including temperature effects to 0.1% span.



### ADROIT1800

Re-rangeable, high performance level pressure sensor utilising ADROIT pressure sensing technology. Ranges from 0.35 bar to 7 bar.



### ADROIT Interface

A hardware accessory which enables communication via USB to the sensor utilising one wire communication along the sensor power wires.

## TERPS Product Line



### RPS/DPS 8000

High-accuracy resonant pressure sensor utilising TERPS Technology. High precision ( $\pm 0.01\%$  FS including all errors) and high stability ( $\pm 100$  ppm FS) across pressure range 0 to 200 bar.



### RPS/DPS 8100

High-accuracy resonant pressure sensor utilising TERPS Technology. High precision ( $\pm 0.01\%$  FS including all errors) and high stability ( $\pm 50$  ppm FS) across pressure range 0 to 3.5 bar.



### RPS/DPS 8200/8300

High accuracy resonant pressure sensor for harsh media, utilising TERPS Technology to achieve  $\pm 0.01\%$  FS including all errors precision with  $\pm 100$  ppm FS across wide temperature range ( $-40^\circ\text{C}$  to  $+125^\circ\text{C}$ ). Pressure range 0 to 70 bar.



### RPS8100-Meteo

High performance barometer with pressure range 500 to 1150 hPa (14.75 to 34 inHg) Exceeds class 1 barometer  $\pm 0.1$ hPa precision and high stability of  $\pm 0.05$  hPa per year typical. Available with two compact barb-fitting options for integration into weather stations.

## DPS5000 Product Line



### DPS5000 I<sup>2</sup>C

A digital pressure sensor with I<sup>2</sup>C interface, ideal for embedded systems and OEM integration, offering compact design and high accuracy. Pressure ranges from 70 mbar to 100 bar.



### DPS5000 SDI-12

A digital pressure sensor with SDI-12 protocol support, tailored for environmental monitoring and hydrology applications. Ranges from 350 mbar to 70 bar.



### DPS5000 CANBus

A CANBus-compatible digital pressure sensor for automotive and industrial networks, offering real-time data and robust performance. Ranges from 200 mbar to 700 bar.



### DPS5000 RS485

A compact, high-accuracy digital pressure sensor engineered for demanding aerospace, automotive and industrial test applications with RS485 output. Pressure ranges from 200 mbar to 700 bar.

## Specialised pressure sensors



### UNIK5900 SIL

A SIL-certified, flame and explosion proof variant of the UNIK5900. Engineered for safety-critical and specialised applications in Oil & Gas industry, with pressure ranges up to 700 bar.



### 4000 Series

High-performance automotive pressure sensing platform, ideal for on-vehicle pressure sensing, UAVs and automotive testing applications. Combined pressure and temperature sensing option with 4400T.



### 1800 Series

Compact, high-accuracy pressure sensors for OEM and industrial use, typically used in hydrology and depth applications. Pressure ranges from 0.75 mH<sub>2</sub>O to 600 mH<sub>2</sub>O.



### PTX 661 Hammer/Wing Union Transmitter

A specialised pressure transmitter for harsh environments, often used in subsea and oil & gas applications. Pressure ranges from 0 to 500 bar (15000 psi).

## Aerospace pressure sensors



### NG3000 Series

A cost effective, engineered solution, qualified to the latest RTCA DO-160G/MIL 810 levels. The NG3000 can be ordered through an online configurator tool, for commercial and military applications.



### PDCR300

A compact, analogue pressure sensor engineered for harsh aerospace and industrial environments, offering high reliability and accuracy across a wide pressure range from 1.1 to 350 bar



### 3000 Series

Amplified aerospace pressure transducers offering high accuracy, EMI and lightning protection, and long-term stability across gauge, absolute, and differential ranges for reliable flight-certified performance.



### 3700 Series

A high-accuracy, digitally compensated aerospace test sensor qualified to DO160 standards, designed for both ground and flight testing in harsh environments with long-term stability and commercial availability.

## Subsea pressure sensors



### PTX300 Subsea Pressure Transmitter

Subsea pressure transmitter with analogue output with 0.1% accuracy performance. High reliability and excellent long-term stability. External/ambient pressure up to 300 bar. All Electron Beam welded construction.



### PTX400 Subsea Wellhead Pressure/ Temperature Transmitters

Subsea pressure and temperature transmitter designed for long-term deployment on wellheads and manifolds. Standard pressure ranges up to 690 bar, temperature measurement -40°C to 165°C. External pressure to 3,000 mH<sub>2</sub>O.



### DPS40P

A bespoke pressure sensor qualified for chemical injection applications on subsea trees and manifolds.

## Hydrogen pressure sensors



### UNIK5000H

Configurable hydrogen pressure sensor. Pressure ranges from 700 mbar to 700 bar. Ideal for test, networks and filling station applications.



### RPS/DPS8000H

Using TERPS technology to offer unrivalled accuracy and stability from 2 bar to 104 bar. Ideal for harsh environment solutions including gas turbines or fuel test.



## Modules & OEM



### Modules

12.5 to 25 mm packages  
Applications:  
Process pressure transmitter manufacturers, mass flow controllers.



### OEM

Druck's engineering team are available to customise our pressure modules and sensors to meet your requirements.