



## PRODUCT NEWS

### AB Dynamics

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AB Dynamics GTC - Ground Traffic Control System™ is a revolutionary system for future vehicle testing capabilities that will monitor, command and coordinate your proving ground vehicle testing. This next-generation software and hardware solution is a comprehensive package for all test track vehicle traffic including ADAS platforms, human and robot-controlled vehicles along with fixed proving ground infrastructure like traffic lights and barriers.

### AcSoft Ltd

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GRAS Sound and Vibration UK, subsidiary of AcSoft, will be showing the new GRAS 147AX CCP Rugged Pressure Microphone for engine noise testing and the GRAS 147EB CCP X-Rugged Microphone for wheelhouse brake noise testing. Together with the versatile GRAS 146AE CCP Free-field microphone, which will also be on show, GRAS now has the strongest and most comprehensive range of microphones for all automotive NVH applications.

### Bruel & Kjaer UK Ltd

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Introducing BK Connect - Brüel & Kjær's intuitive sound and vibration analysis software platform. Created around users' different needs, tasks and workflows, BK Connect provides product measurement and analysis across many industries, including aerospace, automotive and industrial. BK Connect supports you all the way, from pre-test data review and hardware set-up, to data acquisition, processing and reporting.

### Data Physics UK Ltd

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Data Physics DP900 Series Dynamic Signal Analyser and Vibration Controller combines signal analysis capabilities with a new distributed real-time signal processing engine to provide unrivalled dynamic testing capabilities. The 900 Series hardware is designed for demanding field applications, and with modular gigabit Ethernet architecture, the 900 Series can be expanded to over 1,000 channels for laboratory use.

### Datron Technology Ltd

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IMC Fibre-Optic temperature measurement CAN module for environments where traditional sensors reach their limits. No influence from electrical voltages or magnetic fields.  
Suchy xProGPS Nano for cost-effective 20Hz speed measurement with barometric altimeter and miniature inertial sensor built-in.  
Sentronics (non-mechanical) ultrasonic fluid flow measurement technology for automotive testing and development applications.

## DEWESoft UK Ltd

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DEWESoft have launched the IOLITE Real-Time Control Data Acquisition system, providing an All-in-one solution for control applications. IOLITE is equipped with Dual EtherCAT, providing one data bus for Data Acquisition and a separate bus for Real-Time Control to any 3rd party control system, coupled with Dual Redundant Power Supply and a range of Signal Conditioning options to suit any sensor.

## Elstar Elektronik AG

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ELSTAR manufacture a range of free standing, high speed shock machines which are designed to meet today's stringent industry requirements. Key features include:

- Up to 60 accurate shocks per minute
- Payload up to 200kg
- Shock amplitude up to 2000g
- Free standing, with self contained seismic mass
- Closed loop control with data acquisition

## Gantner Instruments

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Q.series, Gantner Instruments' bestselling Data Acquisition (DAQ) product line, has been extended to include a variety of High-Voltage Isolation and Power Measurement modules to support customers in Electric Motor & Inverter Testing, Battery & Battery Charge Testing, and Mechanical & Vibration Testing applications. All modules come with 1200 VDC galvanic isolation and are suitable for voltage, current, RTD, thermocouple, IEPE and strain gage measurement.

## Head Acoustics UK Ltd

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The new SQuadriga III is a mobile measurement system with a wide range of applications. The compact dimensions, powerful battery, and large variety of connection options offer versatile functionality, high mobility, and variable applications. Simply everything better!

## IDT

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The X-Stream stick is a tiny camera designed to be placed in situations too small for any other high speed camera. Despite its size, it records at 1000fps at 1.3 megapixel resolution. It's little bigger than a stick of chewing gum, and is available in three different configurations. Come and how the X-Stream can show you what you've never seen.

## Interface Force Measurements Ltd

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Introducing Interface's new AxialTQ, wireless, contactless rotary torque measuring system. Developed with user input, the AxialTQ moves the goal posts for functionality, accuracy & compatibility. Available in 8 capacities, 5 DIN sizes and three accuracy classes, the AxialTQ offers numerous configuration option to meet the needs of any torque measurement application.

## IPETRONIK GmbH & Co KG

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IPETRONIK will present its data logger software IPEmotion RT. For the first time, logger software and PC-based measurement software use the same source code platform. Based on the Windows PC DAQ software IPEmotion, IPEmotion RT is the first OS-independent software supporting Linux 64-bit systems. The shared platform allows customers to use IPEmotion on their Windows PCs as well as the Linux-based data logger series.

## KDP Electronic Systems Ltd

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New for 2019, KDP Electronic Systems have been appointed representatives for Vigor Technologies in the UK. Vigor Technologies are a leading manufacturer of position, attitude and orientation measurement systems. Their product range includes Inclinometers, Tiltmeters, 3D laser Scanners and Accelerometers. With a wide range of sensing and transmission technologies their products are suited to the most demanding of applications.

## Kistler Instruments Ltd

66 & 67

At 2019's EIS Instrumentation, Analysis & Testing exhibition we will be demonstrating our new data acquisition system KIDAQ for the first time in the UK, a modular and flexible platform with software that is easy to operate and fast to configure.

## LaVisionUK Ltd

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The StrainMaster Compact is a compact, pre-configured system for optical deformation and fracture analysis. The system works according to the digital image correlation (DIC) method and consists of two cameras and an integrated LED illumination source in a handy measuring head. The StrainMaster Compact is designed for a fixed working distance of approx. 25 cm.

## MatchID

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MatchID has successfully launched the world's first generic, open, integration tool for DIC engines: the Programming Language Interface or PLI allows for any Python, Matlab or .Net-based script to directly connect with MatchID's DIC-platform. The corresponding AppStore makes it possible to share scripts, functions and programs with the MatchID community worldwide, sharing your code free, paid or licensed!

## Meggitt

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Meggitt/Endevco has released the following new products:  
35C-World's smallest IEPE triaxial accelerometer, 4416C-Portable, battery operated IEPE signal conditioner  
758-Crash test accelerometer for lateral impact testing, 7268D-Multi-mode damped triaxial accelerometer for World SID crash test dummies, 728-Piezoresistive accelerometer for drop shock testing  
28959G-Portable vibration calibrator  
Come by to see how we can address your testing needs.

## PARC - SOPEMEA

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PARC Testing has been delivering high quality environmental testing for 20 years and is now pleased to announce a new maintenance and repair service of your climatic chambers and vibration test equipment. If you have in-house test equipment in need of maintenance or repair, our highly experienced team will help get you back up and running in no time.

## PCB Piezotronics Ltd

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The New model 9917C Microphone Comparison Calibrator validates microphones over a broad frequency range in the field or laboratory. The 9917C offers simple, fast broadband acoustic calibration and can be used for both precision condenser and electret array microphones according to IEC 61094-5. With applications from automotive NVH to product development, 9917C ensures confidence in your measurements.

**Photron Europe Ltd** 20

The New FASTCAM NOVA is available in three different models, the NOVA offers 12-bit image recording rates up to 12,800 frames per second (fps) at megapixel image resolution, and shutter speeds to less than 0.2µs. Recording rates to 1 million fps are available at reduced image resolutions.

**VIBES.technology B.V.** 15

DIRAC is the first software of its kind that enables engineers to build accurate FRF models from measurements. DIRAC ensures traceability of results and indicates the quality of the measurement. DIRAC works with the MK-II hardware from Müller-BBM and seamlessly integrates the use of Virtual Points, which allows the measurement of FRFs in 6-DoF and is compatible with Finite Element simulations.

**Prosig Ltd** 70

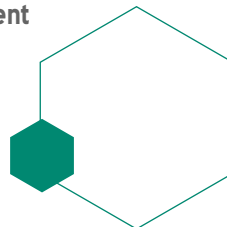
Prosig have launched two new noise and vibration products. DATS-solo is an ultra-portable, 24-bit, 4-channel capture system and DATS-tetrad is a mobile capture system with 32 analogue inputs for sound, vibration, strain, temperature, pressure, force, load, speed, and CAN bus. Each comes with Prosig's DATS measurement and analysis suite that supports all your noise & vibration measurement applications.

**Vibration Research UK** 6

Come see the ObserVR1000, a Portable Data Acquisition and Analysis Recorder! It is fully autonomous, specially designed and engineered to provide reliable performance, accurate testing, and user-friendly features. The ObserVR1000 comes in 4 or 16 channel packages that include a microphone, high sampling rate, TEDS, and WiFi capabilities among many other options. Your confidence in field recording will never be higher!

**RDP Electronics Ltd** 18

RDP will be presenting three new products. The R360D is a rotary displacement transducer using a non-contact technology producing 4 to 20mA over 360° rotation. The MLH is a robust, high-performance low-cost pressure transducer aimed exclusively at OEM applications. RDP will also be introducing a new series of CANbus LVDT linear displacement transducers.



**Siemens PLM** 21 & 22

Simcenter Testlab Neo is our next-generation software platform for multidisciplinary test-based performance engineering. Years of engineering experience are integrated into a new environment that offers greater productivity, more insights, increased confidence and easier collaboration. A fully customizable and flexible process designer speeds up analysis, supports multidisciplinary analytics, and embeds simulation models as part of any process flow.

**Strainsense Ltd** 24 & 25

The exhibition will feature our new family of inclinometers which includes analogue and digital protocols, dynamic high frequency, and integral display options. The family also includes AHRS and 3D compasses which complements our existing range of servo based inclinometers/accelerometers, linear and rotary sensors.

**Thermal Vision Research** 58

We have some exciting news to announce, in that we will be the first distributor in the UK to include the world's fastest Thermal Imaging Camera as part of our portfolio.

**Trafag** 38

The robust pressure transmitter NAH 8254 with 20 kHz cut-off frequency enables monitoring of highly dynamic pressure curves, e.g. the opening and closing performance of valves, pressure curves of explosions or pressure peaks in hydraulic systems. This is thanks to a special combination of thin-film on-steel sensors with the Trafag developed ASIC providing excellent accuracy and long-term stability.

**Register at [www.e-i-s.org.uk](http://www.e-i-s.org.uk)**

