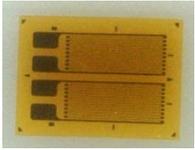


TEST SENSORS FOR HIRE

Nprime Ltd is an engineering consultancy providing test and validation services to the automotive, aerospace, defence, railway and energy industry. Whether you wish to have a project managed by us or just hire the instrumentation for your own use, Nprime has a large inventory of instruments/sensors to choose from. You can hire sensors, telemetry or data acquisition units for a week or months, I am sure we would be able to answer your needs.



Strain Gauges

Although strain gauges are not for hire as items for test, these can be included with the variety of hired sensors to complement your test project. Bondable foil and weldable strain gauges are available from our workshop whether linear, rosette, shear or torque rosettes including all necessary accessories for their installation.

Flow Turbine Meters

High pressure stainless steel flow measurement turbine for water and medium viscosity liquids. Flow ranges from 1 to 600l/min with frequency or mA output with or without ISDS with pressure ratings up to 420 bar and temperature of 120°C.



Telemetry

To measure strain and torque data from a rotating shaft or pro-shaft, telemetry collars are available to fit virtually any size and any application. Whether you choose a wireless, non-contact or point to point telemetry systems, our products include transmitters, receivers and torque sensors for all types of rotating sensor measurements. These specialist collars and sensors are available off-the-shelf for integration in your test project.



Data Acquisition

To acquire your test data from the different sensors, we have available off-the-shelf rugged and vibration safe multi-channel IMC and HBM eDAQ and Quantum X data acquisition with a variety of modules for acquiring strain, temperature, analogue output, GPS, DIO, Vehicle Bus (CAN, J1850VPW,..) including Smart modules, breakout boxes and cables to complement your test project.



Pressure Sensors

A large range of high quality sensors for industrial use as well as precision measurements are available. All our sensors are robust and designed to last the harshest of environment. From high speed 10KHz measurements or heavy duty test systems to a variety of electrical connection and signal output. From a 5 Pin 1.6 bar stainless steel pressure transducer to a 1000 bar with different connections and protection upto IP68.

Accelerometers

Our accelerometers are rugged, durable and with a wide dynamic range. Used for vibration, shock, acceleration and motion monitoring, control and test applications. Whether single, dual or triaxial accelerometer configuration parameters, including temperature, frequency response, amplitude response and lead wire grounding, your needs are catered for.

General availability

Also available are **analogue sensors**, **inclinometers**, **sound level meters**, **optical sensors**, **position sensors**, **load cells**, **magnetic sensors**, **linear displacements**, **current transmitters** and many more for use in a test and validation department by your engineers or with the assistance of our engineering technical support.

For further information on our Hire Service or for a comprehensive list of our products, please contact us on +44(0)1142 727 868 or email on info@nprime.co.uk to discuss your engineering project requirement with our Engineering Manager.