

12 December 2016

## NEWS RELEASE

### **Innomech workstation improves manufacturing efficiency for Michell Instruments**

Automation consultancy GB Innomech (Innomech) has designed and developed a new semi-automated workstation to help a major UK-based manufacturer to improve the manufacturing efficiency for one of its leading ranges of high precision industrial sensors.

The new system will allow Michell Instruments to shorten production timescales, further improve product quality, and to increase its capacity to meet fast-growing international demand for its Easidew dew point sensors, particularly from the US and major European markets. Easidew sensors are routinely used for moisture measurement in gases and liquids across a broad range of sectors including industrial processing, medical gases, and compressed natural gas fuelling stations.

Innomech has designed the easy-to-use workstation to replace a previously repetitive and time-consuming manual task of screwing a polymer or stainless steel guard component onto the body of a sensor housing. The new system requires almost no operator training and is based on an Atlas Copco torque driver which tightens the two components together following a defined torque profile. The system can immediately identify and warn its operator of any cross-threaded components or if the guard is incorrectly seated at the end of the cycle.

“Innomech has specifically developed this new workstation to handle our existing Easidew product range but also with the flexibility so that it can be easily adapted to accommodate new products in development. The new system will speed up our assembly timescales, improve the process of manufacture in terms of quality and repeatability, and has the option to be integrated into more fully automated production processes in the future if required,” said Mike Selwood, operations manager at Michell Instruments.

... continued

## Notes to editors:

### About GB Innomech

GB Innomech (Innomech) specialises in automating highly complex and labour-intensive manufacturing processes to maximise outputs, improve product quality and boost business performance. The company works with major international manufacturers in sectors such as pharmaceuticals, medical devices and environmental, as well as earlier-stage businesses looking to bring breakthrough technologies or products to market.

Innomech has a growing market reputation for solving the toughest of manufacturing problems by the early identification and management of risk, often cross-fertilising technologies and techniques from a range of industry sectors. All projects from initial feasibility studies through to building production-scale machines are conducted to high specification pharmaceutical industry standards and are designed to comply with GAMP5, FDA and other international standards.

The company was founded in 1990, is based at The Innovation Centre in Witchford, north of Cambridge and was awarded The Queen's Award for Enterprise 2009 to recognise its sustained growth in international markets.

For additional information about GB Innomech please visit or contact:

- [www.innomech.co.uk](http://www.innomech.co.uk)
- Press enquiries to Simon McKay on +44 (0)1353 741075 or email to [simonmckay@innomech.co.uk](mailto:simonmckay@innomech.co.uk)
- All other enquiries to Tim Mead at Innomech on +44 (0)1353 667394

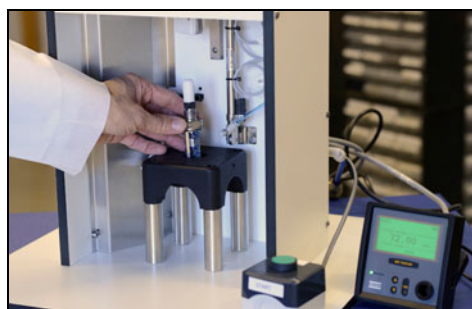
### About Michell Instruments

Michell Instruments is an international leader in high-precision sensing with 40 years' experience in the field, specialising in instrumentation for dew point, relative humidity and oxygen analysis. The company serves industries as diverse as petrochemical and pharmaceutical to power generation and food processing.

The company has three manufacturing locations (Ely, UK; Oosterhout, the Netherlands; and Lyon, France) and an extensive network of factory-trained application engineers, subsidiaries and distributors stretching across 56 countries. For further information please see [www.michell.com/uk](http://www.michell.com/uk)

## Photographs

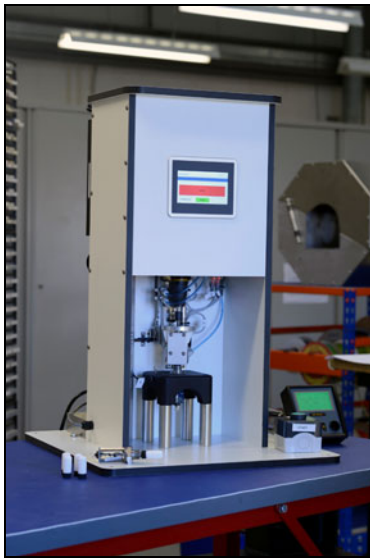
Print quality JPEGs of the images below have been attached to the original email or are available on request from Simon McKay (details above). Alternative images can be supplied.



- 1 Innomech's new semi-automated workstation has been designed and developed to help Michell Instruments improve the manufacturing efficiency for its existing Easidew range of high precision industrial sensors. It can also be adapted to accommodate new products in development.



- 2 The new workstation replaces a previously repetitive and time-consuming manual task of screwing a polymer (or stainless steel) guard component onto the body of a sensor housing as shown here.



- 3 The new semi-automated workstation – shown above – has been designed to tighten two sensor components together following a defined torque profile. The system requires almost no operator training and can immediately identify any cross-threaded or incorrectly seated components.

**ENDS**