



# Declaration of Conformity

**Manufacturer's Name:** BPC Instruments AB

**Manufacturer's Address:** Mobilvägen 10  
223 62 LUND  
SWEDEN

**Equipment Description:** The Gas Endeavour allows users to measure low gas volume and flow whenever there is a demand for highly accurate and precise measurements. The instrument can be used for research and industrial applications related to animal nutrition, wastewater, ethanol fermentation, hydrogen production, greenhouse gas emissions, evaluation of microbial communities and their activity and more.

This is achieved by collecting the gas production from a number of reactor bottles (maximum of 15) and, through tubing, leading the gas from each individual bottle to a corresponding flow cell. When the flow cell (submerged under a water column of a pre-defined height) is filled to a pre-calibrated volume, it will automatically open, due to the lift generated by the lighter-than-water gas, and a volume will be registered by the accompanying software. During the experiment, pressure and temperature will also be registered and a normalised volume for the gas will be calculated using these values. Each reactor bottle has a motor mounted on top, to provide stirring of the substrate.

**Equipment Model:** Gas Endeavour

**Application of Council Directive:** EMC (2014/30/EU)

EMC (2014/30/EU)

**Referenced EMC Standards:** EN 61326-1: 2013

EN 61326-2-3: 2013

I, the undersigned, hereby declare that the equipment specified above conforms to the above directives and standards.

**Signature:**

**Printed Name:** Jing Liu

**Title:** CEO

