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Contract

## Loughborough University - Gas Analyser

Loughborough University

UK7: Contract details notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-010415

Procurement identifier (OCID): ocds-h6vhtk-05f9c0 ([view related notices](#))

Published 5 February 2026, 12:05pm

### Scope

### Description

The equipment is a stack of high-speed emissions gas analysers. The flame ionisation detector (FID) for hydrocarbons, chemiluminescence detector (CLD) for NO,NO<sub>2</sub>, and non-dispersive infrared (NDIR) and CO CO<sub>2</sub> have a fast (sub 20 millisecond) response time and are combined in a single heated manifold with calibrated cross interferences for combustion applications meeting industry certified standards. The fast response rate enables area resolved fast traverses in high temperature short time scale combustion facilities, and time resolved measurement of combustion transients, essential for technology development related to future defence platforms.

To view this notice, please click here:

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## **Contract 1. Gas Analyser Equipment**

### **Supplier**

- CAMBUSTION LIMITED

### **Contract value**

- £203,553 excluding VAT
- £244,263.60 including VAT

Above the relevant threshold

### **Date signed**

20 January 2026

### **Contract dates**

- 21 January 2026 to 20 July 2026
- 6 months

### **Main procurement category**

Goods

### **CPV classifications**

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

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## Other information

### Conflicts assessment prepared/revised

Yes

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## Procedure

### Procedure type

Direct award

### Direct award justification

Single supplier - technical reasons

This equipment is unique in its high-speed response (FID & NDIR & CLD) which enables fast traverses for area resolved measurements of HC, CO, CO<sub>2</sub>, NO, NO<sub>2</sub> in high temperature short timescale environments, enabling calculation of fuel distribution and temperature distribution within a gas turbine flame. The fast response rate minimises the duration of an emissions map to be completed, which is essential due to the limited supply of compressed air in a blow-down flow facility. The fast response time minimises the time the probe spends within the extreme temperature of a gas turbine flame, which prevents the probes melting or failing. The fast response enables time resolved measurements of transients and dynamics within the flame.

This is the only system available that meets the temporal and therefore spatial resolution required for the facility.

## Supplier

### **CAMBUSTION LIMITED**

- Public Procurement Organisation Number: PBYV-2769-ZXXM

Unit J6 The Paddocks, 347 Cherry Hinton Road

Cambridge

CB1 8DH

United Kingdom

Contact name: Mark Peckham

Email: [msh@cambustion.com](mailto:msh@cambustion.com)

Region: UKH12 - Cambridgeshire CC

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1

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## Contracting authority

## **Loughborough University**

- Public Procurement Organisation Number: PRGT-9932-PLJN

Finance Office, Rutland Building

Loughborough

LE11 3TU

United Kingdom

Contact name: Chris Stacey

Telephone: 01509226349

Email: [c.n.stacey@lboro.ac.uk](mailto:c.n.stacey@lboro.ac.uk)

Region: UKF22 - Leicestershire CC and Rutland

Organisation type: Public authority - sub-central government