



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX UL 07.0003X**

Issue No.: **0**

Status: **Current**

Date of Issue: **2007-04-03**

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Applicant: **Biosystems**
651 South Main St.
Middletown, CT 06457
United States of America

Electrical Apparatus: **MultiPro Gas Detector**
Optional accessory: **MultiPro Remote Pump and Charger**

Type of Protection: **ia d**

Marking: **Ex ia d IIC T4**
Tamb -20°C to +50°C

Approved for issue on behalf of the IECEx
Certification Body:

Paul T. Kelly

Position:

Operations Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Underwriters Laboratories Inc
(UL)

333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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Manufacturer: **Biosystems**
651 South Main St.
Middletown, CT 06457
United States of America

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacture's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

| | |
|---|--|
| IEC 60079-0 : 2004 Edition: 4.0 | Electrical apparatus for explosive gas atmospheres - Part 0: General requirements |
| IEC 60079-1 : 2001 Edition: 4 | Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd' |
| IEC 60079-11 : 1999 Edition: 4 | Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety 'i' |

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

US/UL/ExTR07.0003/00

Quality Assessment Report:

US/UL/QAR06.0005/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

MultiPro Gas Detector

MultiPro Remote Pump

MultPro Charger

CONDITIONS OF CERTIFICATION: YES as shown below:

The MultiPro gas detector shall have the contact cover installed when used without the remote pump.

Batteries are to be changed/charged only in nonhazardous locations.

The MultiPro gas detector utilizing the Lithium-Ion battery pack is to be charged only with MultiPro charger.