



Shenzhen Yuante Technology CO., LTD

## EU Declaration of Conformity

We **Shenzhen Yuante Technology CO., LTD** hereby declare that our products **Gas detector**, model number: **SKY3000-WH, MicMeta-WH, MiniMeta-WH** are in compliance with the council EMC directive 2014/34/EU.

The essential health and safety requirements are satisfied by the compliance to the applied Standard:

EN IEC 60079-0:2018,

EN 60079-1:2014

EN 60079-11:2012

This Declaration of conformity is valid in connection with the release document for the respective batch of produced devices.

The above mentioned declaration of conformity is exclusively under the responsibility of:

Company: Shenzhen Yuante Technology CO., LTD.

Address: 4F, B building, No.7, Sanhe village, Tongsheng community, Dalang street, Longhua new district, Shenzhen, China.(P.C.: 518109)



Shenzhen 30<sup>th</sup>, July 2023

Digitally signed by Boaghe Dumitru  
Date: 2025.03.20 08:57:30 EET  
Reason: MoldSign Signature  
Location: Moldova

MOLDOVA EUROPEANĂ





(1) EU-Type-Examination Certificate

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, Directive 2014/34/EU



(3) Certificate Number TÜV CY 21 ATEX 0206527 X  
(4) for the equipment: Portable Gas Detector  
Type: SKY3000-\*\* Series  
(5) of the manufacturer: Shenzhen YuanTe Technology Co.,Ltd.  
(6) Address: Room 401, Bldg B No.7, Sanheyi New Village, Tongsheng Community, Dalang Street, Longhua District, Shenzhen, Guangdong Province, 518109, China

Order number: 0206527  
Date of issue: 2021-08-25

- (7) The design of this equipment or protective system and any acceptable variation thereto are specified in the schedule to this EU-Type-Examination Certificate and the documents therein referred to.  
(8) TÜV CYPRUS Ltd, notified body No. 2261 in accordance with Article 17 of the Council Directive of 2014/34/EU of February 26, 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the confidential report No. 21 0206527.  
(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-11:2012  
(10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.  
(11) This EU-Type-Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment which are not covered by this certificate.  
(12) The marking of the equipment or protective system must include the following:

II 1G Ex da ia IIC T4 Ga II 1G Ex ia IIC T4 Ga

TÜV CYPRUS Ltd (TUV NORD Group),

The head of the notified body,

D. Demosthenous



TÜV CYPRUS (TÜV NORD) Ltd,  
2 Papaflessa Str., 2235 Latsia, Nicosia - P.O.Box: 20732, 1663 Nicosia, Cyprus  
Tel:+357 22 44 28 40 Fax:+357 22 44 28 50 email: [info@tuvcyprus.com.cy](mailto:info@tuvcyprus.com.cy)  
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This certificate may only be reproduced without any change, schedule included.  
Excerpts or changes shall be allowed by the TÜV CYPRUS Ltd

(13) SCHEDULE

(14) EU-Type-Examination Certificate No. TÜV CY 21 ATEX 0206527 X

(15) Description of equipment  
The portable gas detector type SKY3000 is used to detect the concentration of combustible or toxic gases based on electrochemistry, PID, catalytic and infrared measuring principle. It has an enclosure with antistatic material.  
The detectors are composed by a gas sensor containing a LEL sensor in execution Ex da separately ATEX certified, coupled with an Ex d enclosure containing the electronic circuit in execution Ex ia.  
The product is lithium battery powered and a charging port is provided. The product can be installed with maximum 4 sensors.

Type key:  
SKY3000-\*\*

Code	
SKY3000	Regular 4-in-1
SKY3000-M	Single gas
SKY3000-M2	Two gases
SKY3000-M3	Three gases
SKY3000-M4	Unconventional 4-in-1

The degree of enclosure protection according to EN 60529 is IP67.

Technical data:

Electrical parameter:

Battery powered Nominal Voltage: 3.7 Vdc  
Typical Battery Capacity : 2.2 Ah  
Charge Voltage : 5V (not in hazardous area)

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Date: 2025.03.20 08:57:24 EET  
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Location: Moldova



Permissible range of ambient temperature:

Ambient Temperature: -20 °C to +50 °C

Warning Markings:

WARNING: Do not charge the battery in hazardous area

(16) Test documents are listed in the test report No. 21 0206527

(17) Special conditions for safe use

Do not change the battery manufacturer and battery parameters. See instruction and safety manual.  
Do not charge and change the Battery in hazardous area.

(18) Essential Health and Safety Requirements

This certificate covers only the Essential Health and Safety Requirements related to the Directive 2014/34/EU, excluding 1.5.5, 1.5.6 and 1.5.7.





# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEx CQM 21.0009X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2021-06-21

Applicant: **SHENZHEN YUANTE TECHNOLOGY CO., LTD.**  
Room 401, Bldg B No.7, Sanheyi New Village, Tongsheng Community, Dalang Street,  
Longhua District  
Shenzhen, Guangdong Province 518109  
China

Equipment: **Portable Gas Detector typed SKY3000**

Optional accessory:

Type of Protection: **Flameproof "d", Intrinsic safety "ia"**

Marking: Ex da ia IIC T4 Ga with LEL sensor  
Ex ia IIC T4 Ga without LEL sensor  
 $-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$

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Location: Moldova

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Approved for issue on behalf of the IECEx  
Certification Body:

**Ji Xiaodong**

Position:

**President**

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**China Quality Mark Certification Group Co., Ltd.**  
**No. 33 Zengguang Road, Haidian District**  
**Beijing City, Postal code: 100048**  
**China**





# IECEx Certificate of Conformity

Certificate No.: **IECEx CQM 21.0009X**

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Date of issue: 2021-06-21

Issue No: 0

Manufacturer: **SHENZHEN YUANTE TECHNOLOGY CO., LTD.**  
Room 401, Bldg B No.7, Sanheyi New Village, Tongsheng Community, Dalang Street,  
Longhua District  
Shenzhen, Guangdong Province 518109  
**China**

Additional  
manufacturing  
locations:

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 manufacturer'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 equipment 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 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**IEC 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

**IEC 60079-11:2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with 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:

[CN/CQM/ExTR21.0009/00](#)

Quality Assessment Report:

[CN/CQM/QAR21.0004/00](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx CQM 21.0009X**

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Date of issue: 2021-06-21

Issue No: 0

## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The portable gas detector typed SKY3000 has a non-material enclosure with antistatic material. The product is lithium battery powered and a charging port is provided. The product can be installed with maximum 4 sensors. The product fulfils the requirements of IP67 according to IEC 60529.

Ratings:

3.7V Battery power

U<sub>m</sub>=5V charging

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

1. Observe the warning "Do not charge in the hazardous area!"
2. Do not change any component during the operation or maintenance. if there is any problem with the product, contact the manufacturer.
3. The allowed charge temperature is 0°C~+45°C.