

(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:

**Ex 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,  
  
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(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)

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.