**EU-TYPE EXAMINATION CERTIFICATE** 



## Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

- [3] EU-Type Examination Certificate Number: DEMKO 19 ATEX 2288 Rev. 1
- [4] Product: Models 220-3000 (AirChek Essential), 220-3100, and 220-4000 (AirChek Connect)
- [5] Manufacturer: SKC Inc.

[1]

[2]

- [6] Address: 863 Valley View Rd., Eighty Four, PA 15330 USA
- [7] This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

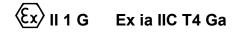
The examination and test results are recorded in confidential report no. US/UL/ExTR19.0115/01.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

### EN IEC 60079-0:2018

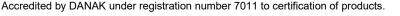
EN 60079-11:2012

- [10] If the sign "X" is placed after the certificate number, it indicates that the product 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 and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.
- [12] The marking of the product shall include the following:



Certification Manager Thomas Wilson Thomas W

Notified Body UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark Tel. +45 44 85 65 65, <u>info.dk@ul.com</u>, <u>www.ul.com</u>





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# Schedule EU-TYPE EXAMINATION CERTIFICATE No. DEMKO 19 ATEX 2288 Rev. 1

## [15] <u>Description of Product</u>

The Model 220-3000 (AirChek Essential), Model 220-3100, and Model 220-4000 (AirChek Connect) are portable air sampling pumps powered by battery pack part number P75718. The battery pack contains two rechargeable lithium-ion cells in series and is charged only in non-hazardous locations. The Model 220-3000 has a passive segmented LCD. Models 220-3100 and 220-4000 have a custom graphic LCD and may have Bluetooth capabilities and a backup lithium carbon monoflouride coin cell.

## Temperature range

The ambient temperature range is -20°C to +45°C with a T4 temperature classification.

#### Electrical data

For use only with battery pack P75718, manufactured by SKC 7.6 V nominal, 8.4 V peak, Um = 12 V

[16] <u>Descriptive Documents</u>

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

[17] <u>Specific conditions of use:</u> None

#### [18] <u>Essential Health and Safety Requirements</u> The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.

