

**to Certificate of Conformity KEMA No. Ex-99.E.6817**

**Description**

The portable Air Sampling Pump AirCheck 2000, Model 210-2002EX serves to pump a calibrated amount of air from the environment through various types of samplers. The samplers are fitted to the tubing at the top of the unit. The top of the unit contains the pump and the electronics for control and data processing. The lower part of the unit contains the chargeable battery pack. The unit is provided with connections for the battery charger and an interface (only for use outside the hazardous area).

Ambient temperature range 0 °C ... +40 °C.

**Electrical data**

Battery pack, pump and control circuit .....	in type of explosion protection intrinsic safety EEx ia IIC.
Battery pack .....	Cat. No. P21113
Battery charger connection .....	Not to be used within the hazardous area. Charge current 500 mA maximum.
Interface output .....	Not to be used within the hazardous area. For connection to circuits with Um = 30 V

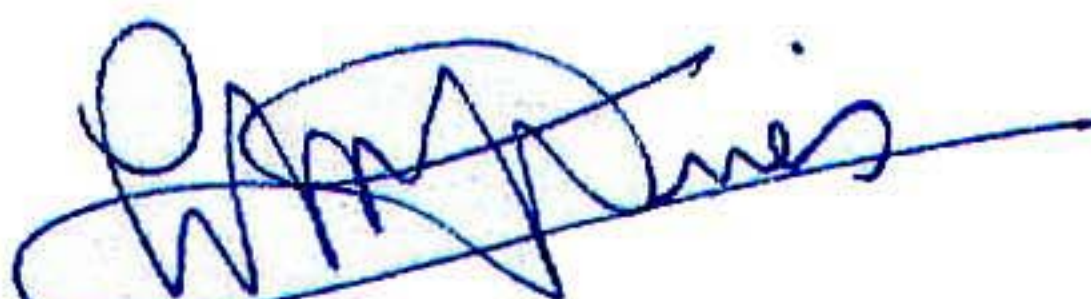
**Test documentation**

	<u>dated</u>
1. Drawing No. EX1003 Rev.--	19.07.1999
EX1016 Rev.--	27.04.2000
EX1004 Rev.-- (2 sheets)	20.07.1999
EX1011 Rev.--	19.07.1999
EX1009 Rev.--	19.07.1999
EX2KBAT Rev.0	22.07.1999
EX1010 Rev.--	20.07.1999
EX1013 Rev.--	19.07.1999
EX1007 Rev.1	27.04.2000
EX1002 Rev.-- (2 sheets)	19.07.1999
EX2KPCB Rev.0 (4 sheets)	19.07.1999
EX1001 Rev.--	19.07.1999
EX1000 Rev.-- (2 sheets)	19.07.1999
EX2KPMP Rev.0	22.07.1999
EX1005 Rev.2	31.05.2000
EX1008 Rev.1	04.05.2000

2. Samples

This examination of the portable Air Sampling Pump does not include a judgement of the functional performance of the apparatus.

Arnhem, 7 June 2000  
by order of the Board of Directors of N.V. KEMA



L.M.J. Vries  
Certification Manager





(1) **CERTIFICATE OF CONFORMITY**

(2) KEMA No. Ex-99.E.6817

(3) This certificate is issued for the electrical apparatus:

**Portable Air Sampling Pump AirCheck 2000, Model 210-2002EX**

(4) **Manufacturer:**

**SKC Inc.  
863 Valley View Road  
Eigthy Four, PA 15330  
USA**

**Applicant:**

**SKC Ltd  
Blandford Forum  
Dorset DT11 8ST  
United Kingdom**

(5) This electrical apparatus and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

(6) KEMA, being an Approved Certification Body in accordance with Article 14 of the Council Directive of the European Communities of 18 December 1975 (76/117/EEC), confirms that the apparatus has been found to comply with the harmonised European standards:

**Electrical apparatus for potentially explosive atmospheres**

**EN 50014 : 1992, General requirements  
EN 50020 : 1994, Intrinsic safety "i"**

and has successfully met the examination and test requirements which are recorded in a confidential test report.

(7) The apparatus marking shall include the code:

**EEx ia IIC T4**

(8) The manufacturer of the electrical apparatus referred to in this certificate, has the responsibility to ensure that the apparatus conforms to the specification laid down in the Annex to this certificate and has satisfied routine verifications and tests specified therein.

(9) This apparatus may be marked with the Distinctive Community Mark specified in Annex II to the Commission Directive of 16 January 1984 (84/47/EEC).

Arnhem, 7 June 2000  
by order of the Board of Directors of N.V. KEMA

L.M.J. Vries  
Certification Manager

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