SKC

# AirChek 3000

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The AirChek 3000 with a patented internal flow sensor brings advanced electronic flow to air sampling. This technology allows the user to program a desired flow rate via either the keypad or a PC using the optional DataTrac software.

**Key Features**

- Continuous display of volume, flow, time, battery status, temperature, atmospheric pressure
- Auto shut down on flow fault
- Auto restart if fault is cleared
- Programming via PC software or manually
- 3 button keypad, no tool programming
- Auto delayed start and timed shutdown
- Interrupt 'hold' feature
- Continuous run capability
- Large LCD
- Program from and report to PC with SKC DataTrac interface
- Weight: 580g
- Casing IP rating: IP64 (dust and rain proof)
- Flow range: 1000 - 3250 ml/min (constant flow operation)
- 5 - 500 ml/min with adapter (constant pressure operation)
- Precision timing
- Real time clock
- Flow control: ±5 % of set point constant flow
- CE & UKCA marked
- ATEX, UKEX & IECEx certified

Ⓔx II 1D Ex ia IIIC T120°C Da
Ⓔx II 1G Ex ia IIC T4 Ga
Ⓔx I M1 Ex ia I Ma
Ta = 0°C to +40°C

- Battery pack: NiMH rechargeable, 2.0 Ah, 4.8 V
- Charging time:
- Up to 16 hours using 223-260A single battery charger or 223-119A five station charger.
- Operating temperature: 0°C to +40°C (limited by Intrinsic Safety Certification)

For further information please contact SKC on 01258 480188 or email enquiries@skcltd.com

**DataTrac**
Program or operate your pump with our custom designed DataTrac software package which is compatible with the AirChek 3000.

Program complex run-sequences including delayed start, timed stop and intermittent sampling at different flow rates and then transfer the details into the pump memory.

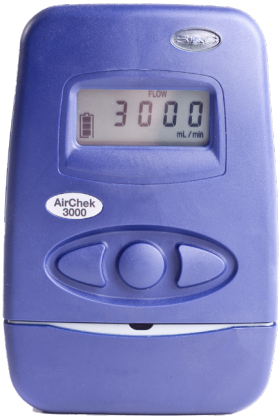
After sampling, retrieve the run time data to ensure sampling has been carried out as scheduled.

For chain of custody reporting, create a unique worker, location and sample profile to print/store on your PC.

**Calibration Technology**
CalChek offers a total calibration system for the AirChek 3000.

Automatically calibrate your pump to a single flow rate or perform verification across the full flow range. Ideal for verifying performance.

DataTrac users can document the calibration and print or save the data to a PC – ideal for ISO9000, Total Quality Management (TQM) and COSHH management systems.




| Description | Part Number |
|---|---|
| Standard ATEX / UKEX / IECEx certified pump with NiMH battery pack. The AirChek 3000 is available in the standard SKC kit format for:KP (Particulates) KV (Gas/Vapours) and KC (Combined Kit) in both single and five pump kits. | 210-3311 |

# Key Accessories:

| Description | Part Number |
|---|---|
| Single battery charger 100-240V ~ 50/60Hz supply with UK/EU/US/AUS mains plugs | 223-260A |
| Five station battery charger 100-240V ~ 50/60Hz supply with UK/EU/US/AUS mains plugs | 223-119A |
| Battery eliminator 230V ~ 50Hz supply with EU 2 pin mains plug | 223-330B |
| Battery eliminator 230V ~ 50Hz supply with UK 3 pin mains plug | 223-330C |
| Protective pouch in black | 224-88 |
| High visibility protective pouch in red | 224-96A |
| DataTrac software package including software CD, PC adapter and cable | 877-91K |
| chek-mate Flowmeters in low and medium flow models | |
| 0.5 to 5.0 L/min | 375-0550 |
| 20 to 500 ml/min | 375-00205 |
| Pulsation Dampener | 375-100 |
| CalChek Cable | 375-200 |

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