AirChek Connect Monitor Sampling Remotely



KEY FEATURES

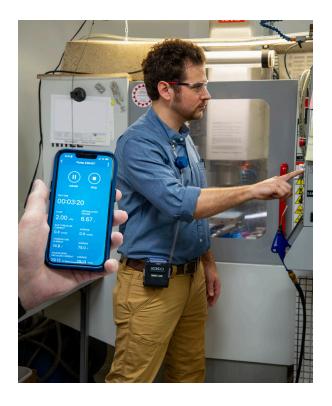
- Flows from 5 to 5000 ml/min
 - 5 to 500 ml/min with low flow holder accessory
 - Multiple-tube sampling in low flow mode
- High back pressure compensation
 - Up to 50 inches water at 2 L/min
 - Bluetooth[®] low-energy connectivity for in-range pump operation/monitoring
 - Mobile with free SmareWave app
 - PC with DataTrac® Pro software
- Li-Ion battery over 40-hour run times
- Corrects flow for changes in temperature and atmospheric pressure
- Flow fault with auto-restart
- Large display with continuous parameters
- Easy touch screen control and programmability
- Bright running and status LEDs
- Ultra-quiet
- Small and lightweight
- Convenient charging cable chain up to 5 cradles
- Screen lock-out feature and protective cover



Intuitive touch operation and programming, easy Bluetooth* connectivity

CERTIFICATIONS

Intrinsic safety: UL913, CAN/CSA C22.2, ATEX, IECEx, UKEX Other: CE, UKCA



The SKC AirChek® Connect offers all that you want in an air sampling pump! Designed specifically for industrial hygienists and other OEHS professionals, AirChek Connect provides accurate, reliable flows to 5 L/min, and touch screen ease of use. With Bluetooth connectivity, AirChek Connect syncs to the SKC SmartWave app on your mobile devices and DataTrac Pro Software on your PC to keep you on top of your sample runs without disrupting workflow. AirChek Connect is built to serve you and the workers you protect.

More information



AirChek Connect

PERFORMANCE PROFILE

Nominal Flow Range Nominal Range of Pressure Drop

- Constant flow from 1000 to 5000 ml/min (5 to 500 ml/min requires low flow holder)
- 5000 ml/min at 20 inches water back pressure
- 4000 ml/min at 30 inches water back pressure
- 3000 ml/min at 40 inches water back pressure • 2000 ml/min at 50 inches water back pressure
- 1000 ml/min at 60 inches water back pressure

Power **Operating Time** Accuracy

- Removable rechargeable lithium-ion (Li-lon) battery 7.4 V, 2.6 Ah, 19.2 Wh or AC using cradle • 40+ hours at 2000 ml/min, * 15+ hours at 5000 ml/min, * indefinite run from charging cradle
- Flow control: <u>+</u> 5% of set point
- Atmospheric pressure: ± 0.3 in Hq

• Temperature: ± 1 C

Display/Parameters • High-contrast backlit LCD/Time, date, battery status, flow rate, sample volume, temperature, atmospheric pressure, back pressure, programmed run remaining time, and elapsed run time **User Interface** • 8-area capacitive touch screen; auto-dim and locking option

Sound Level Case Material Tubing Dimensions/Weight

Certifications/Markings

• Average 51.7 dB at 3-ft (1-m) distance using a 37-mm, 0.8-µm MCE filter cassette

Polycarbonate; rubberized anti-static overmolding; ingress protection is IP6x-dust tight enclosure

• Requires 1/4-inch ID tubing

• 4.1 x 3.7 x 2.8 in (10.4 x 9.4 x 7.1 cm), 19.4 oz (550 gm)

• Intrinsic safety (SKC Cat. No. 220-4000 operated with SKC Battery Pack P75718) Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III, T4 Ga; -20°C ≤ Ta ≤ 45°C; Ex II 1G; Exia IIC T4 Ga; IECEX UL 19.0100; UL22UKEX2351; DEMKO 19ATEX 2288; CE 0539; UKCA 0843

 AirChek Connect is a type P pump for personal sampling of airborne particles and is designed to meet ISO 13137:2022

• RoHS compliant

ORDERING

Available as Cat. No.

220-4000 AirChek Connect Pump Only

220-4000-S Starter Pump Kit

220-4000-K Single High Flow Pump Kit 220-4000-K3 3-pack High Flow Pump Kit 220-4000-K5 5-pack High Flow Pump Kit "Pump only" requires charging cradle and power supply that are included in kits.

Recommended Flowmeter[†]

chek-mate with UK standard traceable calibration certificate 375-0550 375-0550N chek-mate with NIST standard traceable calibration certificate

[†]Available with ISO standard traceable certificate. Contact SKC for details.

Recommended Accessories

210-500 Low Flow Adapter Kit

877-94 DataTrac Pro for AirChek Connect USB Bluetooth Adapter (free software download)



For details and additional kits and accessories,

visit www.skcinc.com/touch-pumps.

Selection Guide

AirChek	AirChek ESSENTIAL	AirChek ESSENTIAL+	AirChek TOUCH	AirChek CONNECT
Intrinsically Safe	•	•	•	•
Operation	Touch keypad	Touch screen	Color touch screen	Touch screen
Programmable			•	•
PC Compatible - Download History			•	•
Bluetooth® Connection with PC and Mobile				•
SmartWave Mobile App				•
Compensates for Changes in Temperature and Atmospheric Pressure	•	•	•	•
Flow Fault/Auto-restart	•	•	•	•
CalChek* Automatic Flow Rate Verification/ Calibration Feature			•	

^{*}Results obtained using a new pump, new fully charged battery, and 37-mm, 0.8-µm MCE filter. Pump and battery performance may vary.