



Intuitive touch operation, easy Bluetooth® connectivity

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 SmartWave app
 - PC with DataTrac® Pro software
- Li-lon battery over 40-hour run times
- Corrects flow for changes in temperature and atmospheric pressure
- Flow fault with auto-restart
- Large display with continouous parameters
- **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

PERFORMANCE PROFILE

Flow Range

Power

 Constant flow from 1000 to 5000 ml/min (5 to 500 ml/min requires low flow holder)

Compensation Range (back pressure capability)

• 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 Removable rechargeable lithium-ion (Li-Ion) battery

7.4 V, 2.6 Ah, 19.2 Wh or AC using cradle

Run Time • 40+ hours at 2000 ml/min,* 15+ hours at 5000 ml/min,* indefinite run from charging cradle

Accuracy • Flow control: ± 5% of set-point after calibration to

desired flow

• 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

• Eight-area capacitive touch screen with auto-dim and locking options

Sound Level

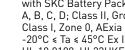
 Average 51.7 dB at 3-ft (1-m) distance using a 37-mm, 0.8-µm MCE filter cassette

Tubing Dimensions/Weight Certifications/ Markings

User Interface

• 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; Class I, Zone O, AExia IIC T4 Ga; Exia IIC T4 Ga; -20°C ≤ Ta ≤ 45°C Ex II 1G; Exia IIC T4 Ga; IECEx UL 19.0100, UL22UKEX2351, UKCA 0843, DEMKO 19ATEX 2288, CE 0539

Designed to meet ISO 13137:2022

RoHS compliant

For details and additional accessories.

visit www.skcinc.com/touch-pumps.

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-K3D 3-pack High/Low Flow Pump Kit 220-4000-K5 5-pack High Flow Pump Kit

Recommended Calibrator

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

Selection Guide

AirChek	AirChek ESSENTIAL+	AirChek TOUCH	AirChek CONNECT
Intrinsically Safe	•	•	•
Operation	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	•	•	•
Automatic CalChek® Calibration		•	

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

[&]quot;Pump only" requires charging cradle and power supply that are included in kits. See more at www.skcinc.com.