

AirChek ESSENTIAL

SAMPLE PUMP

Simplest Operation, **Lowest Price**

- 5 to 5000 ml/min
- No operating manual needed!
- Intuitive touch keypad
- 40+ hours run time



PERFORMANCE PROFILE

Flow range	<ul style="list-style-type: none"> • Constant flow from 1000 to 5000 ml/min (5 to 500 ml/min requires low flow holder)
Compensation range (back pressure capability)	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Removable rechargeable lithium-ion (Li-Ion), 7.4 V, 2.6 Ah, 19.2 Wh or AC using cradle
Run time	<ul style="list-style-type: none"> • 40+ hours at 2000 ml/min*, 15+ hours at 5000 ml/min*, Indefinite run from charging cradle
Accuracy	<ul style="list-style-type: none"> • Flow control: $\pm 5\%$ of set-point after calibration to desired flow • Atmospheric pressure: ± 0.3 in Hg • Temperature: ± 1.0 C
Display/parameters	<ul style="list-style-type: none"> • B&W display, elapsed sampling time
User interface	<ul style="list-style-type: none"> • Capacitive touch screen with locking option
Sound level	<ul style="list-style-type: none"> • Average 51.7 dB at 3-ft (1-m) distance using a 37-mm, 0.8-μm MCE filter cassette
Tubing	<ul style="list-style-type: none"> • Requires 1/4-inch ID tubing
Dimensions/Weight	<ul style="list-style-type: none"> • 4.1 x 3.7 x 2.8 in (10.4 x 9.4 x 7.1 cm), 19.4 oz (550 gm)
Certifications	<ul style="list-style-type: none"> • Intrinsic safety (SKC Cat. No. 220-3000 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 0, • AExia IIC T4 Ga; Exia IIC T4 Ga; -20°C \leq Ta \leq 45°C Ex II 1G; Exia IIC T4 Ga; IECEx UL 19.0100 • DEMKO 19ATEX 2288 • CE 0539 • RoHS compliant • Designed to meet ISO 13137:2013



*Tested using 37-mm 0.8- μ m MCE filter with new pump and battery. Pump performance may vary.

AIHce EXP 2021 Show Special!

Get a \$100 discount per pump when you order an AirChek Essential pump or kit from May 24 — August 31, 2021

CAT NO.	DESCRIPTION	SAVE
220-3000	AirChek Essential Pump only	\$100
220-3000-S	Starter Pump Kit	\$100
220-3000-K	Single High Flow Pump Kit	\$100
220-3000-K3D	3-pack High/Low Flow Pump Kit	\$300
220-3000-K5	5-pack High Flow Pump Kit	\$500

See more at **SKCINC.COM**

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AirChek **CONNECT** SAMPLE PUMP

Bluetooth Connectivity, Mobile App, **Low Price**

- 5 to 5000 ml/min
- Intuitive touchscreen operation
- Connect to PC with DataTrac Pro or mobile device with SmartWave app
- 40+ hours run time



PERFORMANCE PROFILE

Flow Range	<ul style="list-style-type: none"> • Constant flow from 1000 to 5000 ml/min (5 to 500 ml/min requires low flow holder)
Compensation Range (Back Pressure Capability)	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Removable rechargeable lithium-ion (Li-Ion), 7.4 V, 2.6 Ah, 19.2 Wh or AC using cradle
Run Time	<ul style="list-style-type: none"> • 40+ hours at 2000 ml/min,* 15+ hours at 5000 ml/min,* Indefinite run from charging cradle
Accuracy	<ul style="list-style-type: none"> • Flow control: $\pm 5\%$ of set-point after calibration to desired flow • Atmospheric pressure: ± 0.3 in Hg • Temperature: ± 1.0 C
Display/Parameters	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Eight-area capacitive touch screen with auto-dim and locking options
Sound Level	<ul style="list-style-type: none"> • Average 51.7 dB at 3-ft (1-m) distance using a 37-mm, 0.8-μm MCE filter cassette
Tubing	<ul style="list-style-type: none"> • Requires 1/4-inch ID tubing
Dimensions/Weight	<ul style="list-style-type: none"> • 4.1 x 3.7 x 2.8 in (10.4 x 9.4 x 7.1 cm), 19.4 oz (550 gm)
Certifications	<ul style="list-style-type: none"> • 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 0, AExia IIC T4 Ga; Exia IIC T4 Ga; $-20^{\circ}\text{C} \leq T_a \leq 45^{\circ}\text{C}$; Ex II 1G Exia IIC T4 Ga; IECEx UL 19.0100 • DEMKO 19ATEX 2288 • CE 0539 • RoHS compliant • Designed to meet ISO 13137:2013



AIHce EXP 2021 Show Special!

Get a \$100 discount per pump when you order an AirChek Connect pump or kit from
May 24 — August 31, 2021

CAT NO.	DESCRIPTION	SAVE
220-4000	AirChek Connect Pump only	\$100
220-4000-S	Starter Pump Kit	\$100
220-4000-K	Single High Flow Pump Kit	\$100
220-4000-K3D	3-pack High/Low Flow Pump Kit	\$300
220-4000-K5	5-pack High Flow Pump Kit	\$500

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