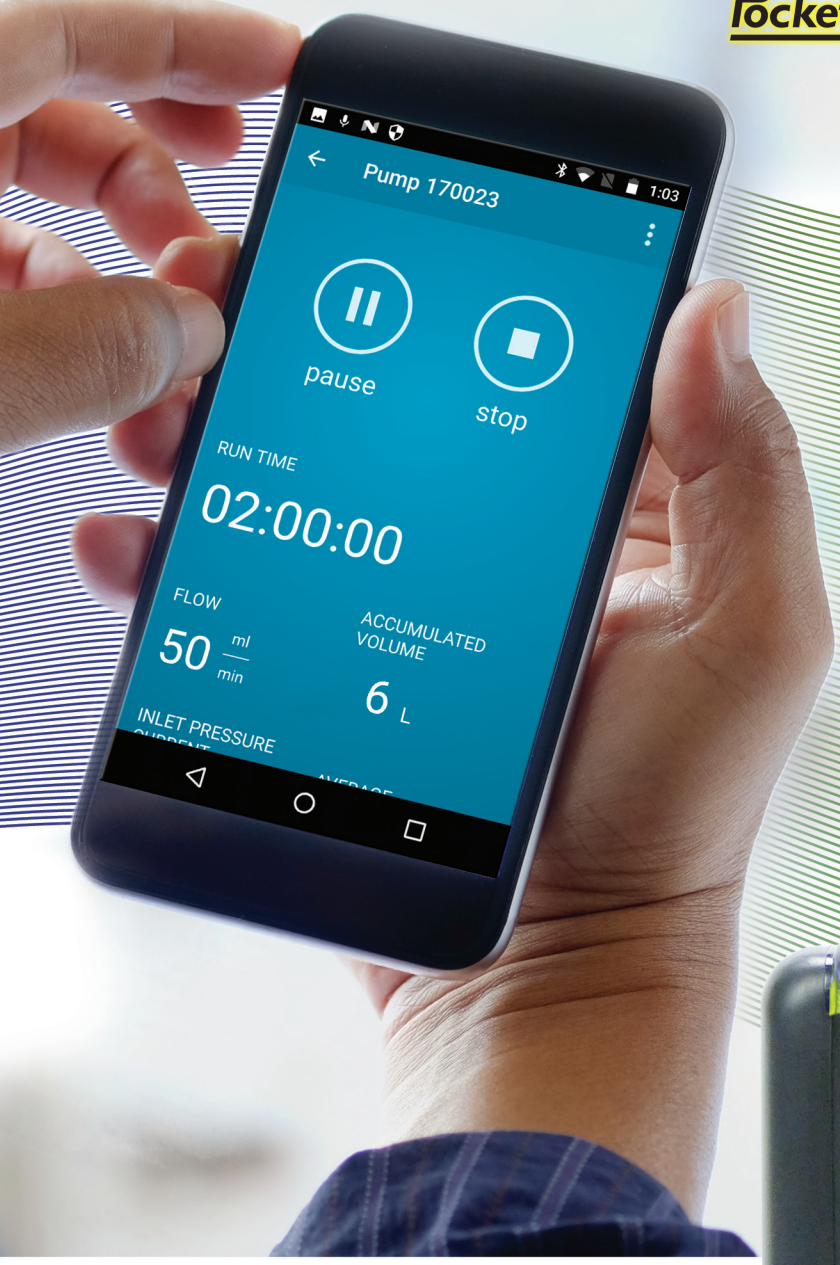
Pocket Pump TOUCH



- 20 to 500 ml/min flows
- Small size
- Connectivity
- Mobile App

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Pocket Pump® TOUCH

20 to 500 ml/min Sample Pump

KEY FEATURES

- **Intuitive touch screen for easy programmability**
- **Corrects flow for changes in back pressure, temperature, and atmospheric pressure**
- **Constant flows from 20 to 500 ml/min**
- **Bluetooth low energy (BLE) communication**
  - With PC and DataTrac Pro Software
  - With iOS® and Android® tablets and phones using the free SmartWave app
  - Non-BLE pump models available (visit www.skcinc.com)
- **Large backlit screen**
- **> 20+ hours run time at 500 ml/min with powerful Li-Ion battery**
  - Auto-dim feature conserves battery
  - Extended run times with AC adapter/charger
- **Multi-tube Sampling**
  - Sample with up to four tubes simultaneously; saves time and uses fewer pumps
  - Constant flow and pressure modes
- **Screen lock prevents accidental tap errors**
- **SecureLock feature provides for passcode-secured sampling**

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Bluetooth® communication with PC and DataTrac® Pro Software or phones/tablets with SmartWave App for remote pump monitoring

USB charging with magnetic connector and sure-connect LED indicator

Exhaust port with optional quick-connect accessory for secure bag sampling

Easy calibration with Low-Flow chek-mate Calibrator

PERFORMANCE PROFILE

Flow Range in Constant Flow Mode	20 to 500 ml/min
Compensation Range in Constant Flow Mode	20 to 500 ml/min up to 20 inches water back pressure
Pressure Range in Constant Pressure Mode	1 to 20 inches water
Flow Control System	Corrects for changes in back pressure, temperature, and atmospheric pressure
Power	Removable rechargeable Lithium-ion (Li-Ion) battery, 3.7 V, 2.6 Ah, 9.6 Wh or USB charger
Run Time (Li-Ion)	20+ hrs at 500 ml/min up to 20 inches water back pressure*, extended run times available with charger
Accuracy	Constant flow control: ± 5% of set-point or ± 3 ml/min, whichever is higher Atmospheric pressure: ± 0.3 in Hg Temperature: ± 1 C Real-time clock: ± 1% Constant pressure mode: Reading ± 0.5 inch water
Flow Fault	After 3 to 10 seconds of restricted flow, pump stops, elapsed time stops, status LEDs flash red, and pump displays fault icon. After 20 seconds in fault, auto-restart is attempted up to 5 times unless full airflow is restored. If full airflow is not restored after 5 auto-restart attempts within 5 minutes, the pump ends the run and displays Sample Summary.
Display Type/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	Eight-area capacitive touch screen with auto-dim and locking options
Dimensions	3.2 x 3.8 x 1.5 in (8.1 x 9.7 x 3.8 cm)
Weight	8.3 oz (235 gm)
Certifications/Markings	-Intrinsic safety (SKC Cat. No. 220-1000TC operated with SKC Battery Pack Cat. No. P76303) c UL us LISTED E62011 Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III, T4; Class I, Zone 0, Group IIC T4; Exia -20°C ≤ T_a ≤ 45°C Ⓔx II 1G Exia IIC T4 Ga IECEx UL 16.0113 DEMKO 16ATEX 1600 CE 0539 -RoHS compliant
Communications with PC	Low-energy Bluetooth, *requires DataTrac Pro for Pocket Pump TOUCH USB Bluetooth Adapter Cat. No. 877-94*
Communications with iOS or Android Phones and Tablets	Low-energy Bluetooth, requires SmartWave App - available in the App Store and GooglePlay
Tubing	*Requires 1/4-in ID tubing*

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

iOS is a trademark of Cisco, registered in the U.S. and other countries.
Android is a trademark of Google LLC

Pocket Pump TOUCH

ORDERING

Available as Cat. No.

220-1000TC	Pocket Pump TOUCH Pump only
220-1000TC-S	Starter Pump Kit
220-1000TC-K	Single Pump Kit
220-1000TC-K3	3-pack Pump Kit
220-1000TC-K5	5-pack Pump Kit
220-1000TC-K5D	5-pack Deluxe Pump Kit

"Pump only" requires charger that is included in kits. See more at www.skcinc.com.

All models listed above include Bluetooth (BLE). Non-BLE models are available.

Recommended Calibrator†

375-00205N	chek-mate with NIST standard traceable calibration certificate
375-00205	chek-mate with UK standard traceable calibration certificate

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

Recommended Accessories

220-200	Quick-connect Bag Sampling Adapter
877-94	DataTrac Pro for Pocket Pump TOUCH USB Bluetooth Adapter (free software download)

For ordering details and additional accessories, visit **www.skcinc.com**

FREE **SKC SMARTWAVE** APP

Set up flow, operate sample runs, and monitor status for one or more in-range Pocket Pump TOUCH pumps using your iOS and Android phones and tablets.

Visit the App Store or Google Play!

Download on the App Store

GET IT ON Google Play

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