

Rocket 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.skinc.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.skinc.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 www.skinc.com/smartwave



MP1925 Rev2023.04

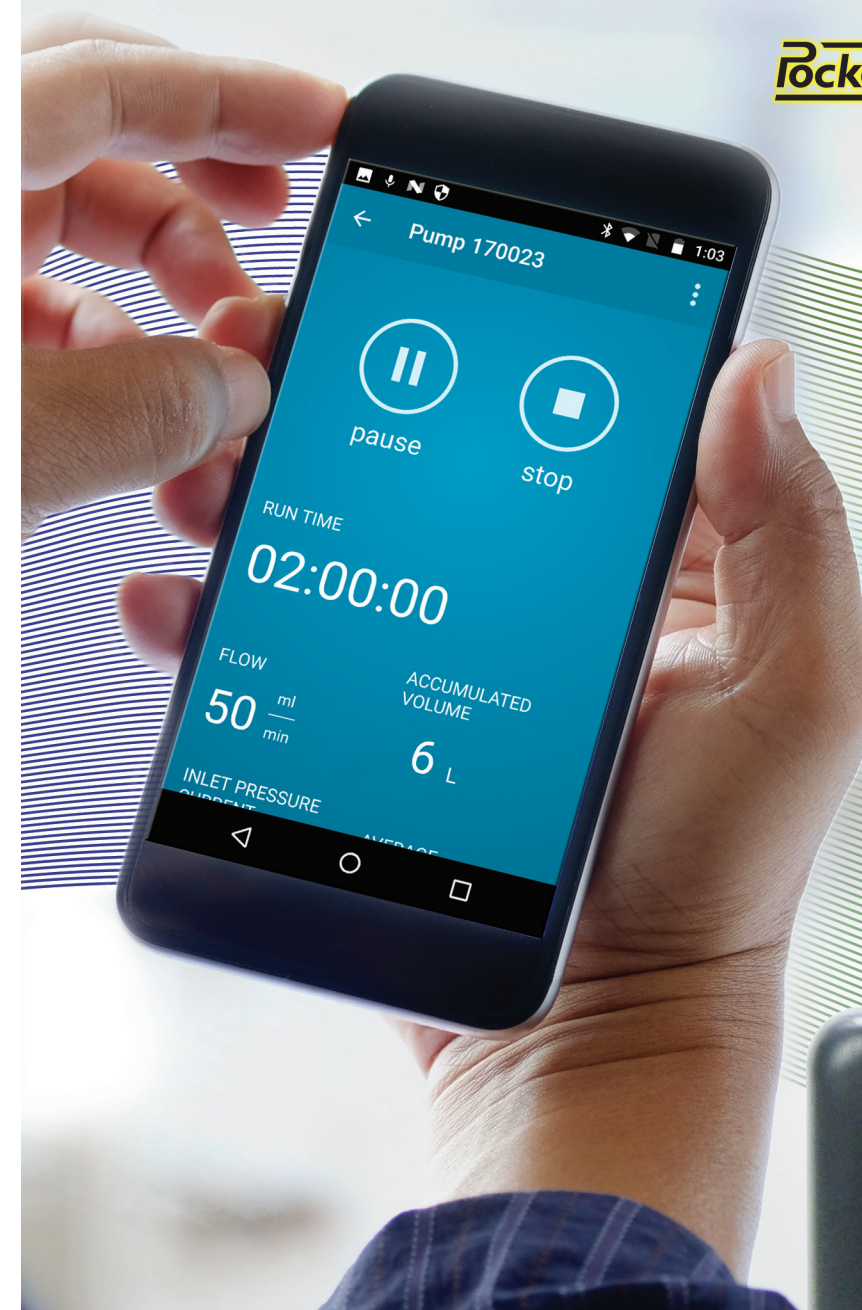


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SKC Inc. 724-941-9701 | SKC-West 714-992-2780 | SKC South 434-352-7149

Rocket Pump TOUCH



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

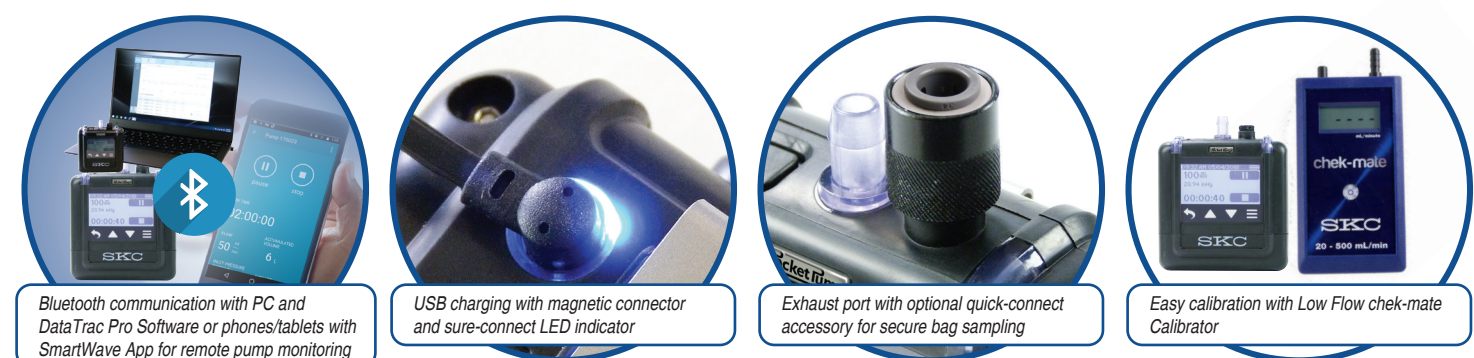


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Pocket Pump[®] TOUCH

20 to 500 ml/min Sample Pump



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: $\pm 5\%$ of set-point or ± 3 ml/min, whichever is higher Atmospheric pressure: ± 0.3 in Hg Temperature: ± 1 C Real-time clock: $\pm 1\%$ Constant pressure mode: Reading ± 0.5 inch water
Temperature Ranges	Operating: 32 to 113 F (0 to 45 C); Charging: 32 to 113 F (0 to 45 C); Storage: -4 to 113 (-20 to 45 C)
Humidity Range	$\leq 95\%$ RH, non-condensing
Altitude	Corrects flow for changes in temperature (32 to 113 F [0 to 45 C]) and ambient pressure up to 15,000 feet (4572 meters) above and down to 2300 feet (701 meters) below sea level
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) 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 $\leq T_a \leq 45^\circ\text{C}$ Ex II 1G Exia IIC T4 Ga IECEx UL 16.0113 DEMKO 16ATEX 1600; UL22UKEX2584; UKCA 0843† CE0539 -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

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 SKC SmartWave app
 - Non-BLE pump models available (visit www.skccinc.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
- Designed to meet ISO 13137

* Tested using 37-mm, 0.8- μm MCE filter with new pump and battery. Pump performance may vary.
† UL22UKEX2584 and UKCA mark added based on previously issued ATEX/IECEx certificates

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