

# *rocket pump* TOUCH



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



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# Rocket Pump® TOUCH

20 to 500 ml/min Sample Pump



## KEY FEATURES

- ▶ **Intuitive touch screen for easy programmability**
- ▶ **Constant flows from 20 to 500 ml/min**
- ▶ **Bluetooth low energy (BLE) communication**
  - Non-BLE pump model available (visit [www.skcinco.com](http://www.skcinco.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**





Bluetooth® communication with PC and DataTrac® Pro Software or phones/tablets with SmartWave App



USB charging with magnetic connector and sure-connect LED indicator



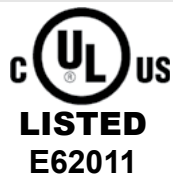
Exhaust port with optional quick-connect accessory for secure bag sampling



Easy calibration with Low-Flow chek-mate Calibrator

## PERFORMANCE PROFILE

<b>Flow Range in Constant Flow Mode</b>	20 to 500 ml/min
<b>Compensation Range in Constant Flow Mode</b>	20 to 500 ml/min up to 20 inches water back pressure
<b>Pressure Range in Constant Pressure Mode</b>	1 to 20 inches water
<b>Flow Control System</b>	Corrects for changes in back pressure, temperature, and atmospheric pressure
<b>Power</b>	Removable rechargeable Lithium-ion (Li-Ion) battery, 3.7 V, 2.6 Ah, 9.6 Wh or USB charger
<b>Run Time (Li-Ion)</b>	20+ hrs at 500 ml/min* up to 20 inches water back pressure, extended run times available with charger
<b>Accuracy</b>	Constant flow control: $\pm 5\%$ of set-point or $\pm 3$ ml/min, whichever is higher Atmospheric pressure: $\pm 0.3$ in Hg Temperature: $\pm 1$ C Real-time clock: $\pm 1\%$ Constant pressure mode: Reading $\pm 0.5$ inch water
<b>Flow Fault</b>	After several seconds of restricted flow, the pump will stop running and go into flow fault mode. The pump will automatically try to restart. If flow restriction is resolved, the pump will continue the sample run. If flow restriction remains after five failed attempts at restart, the pump will stop completely and display Sample Summary.
<b>Display Type/Parameters</b>	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
<b>User Interface</b>	Eight-area capacitive touch screen with auto-dim and locking options
<b>Dimensions</b>	3.2 x 3.8 x 1.5 in (8.1 x 9.7 x 3.8 cm)
<b>Weight</b>	8.3 oz (235 gm)
<b>Certifications/Markings</b>	-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 $-20^{\circ}\text{C} \leq T_a \leq 45^{\circ}\text{C}$ Ex II 1G Exia IIC T4 Ga IECEX UL 16.0113 DEMKO 16ATEX 1600 CE0539  -RoHS compliant
<b>Communications with PC</b>	Low-energy Bluetooth, requires DataTrac Pro for Pocket Pump TOUCH USB Bluetooth Adapter Cat. No. 877-94
<b>Communications with iOS® or Android® Phones and Tablets</b>	Low-energy Bluetooth, requires SmartWave App - available at the App Store and GooglePlay
<b>Tubing</b>	Requires 1/4-in ID tubing



Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III, T4;  
Class I, Zone 0, Group IIC T4; Exia  $-20^{\circ}\text{C} \leq T_a \leq 45^{\circ}\text{C}$   
Ex II 1G Exia IIC T4 Ga  
IECEX UL 16.0113  
DEMKO 16ATEX 1600  
CE0539

\* Tested using 37-mm, 0.8- $\mu\text{m}$  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](http://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

chek-mate models with ISO calibration certificate are available. Visit [www.skcinc.com](http://www.skcinc.com).

### 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](http://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.



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