

# 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.skcinc.com/pocket-pump-touch](http://www.skcinc.com/pocket-pump-touch).

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

### Recommended Flowmeter\*\*

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)



MORE INFO

For ordering details and additional accessories, visit [www.skcinc.com/pocket-pump-touch](http://www.skcinc.com/pocket-pump-touch)

## 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.

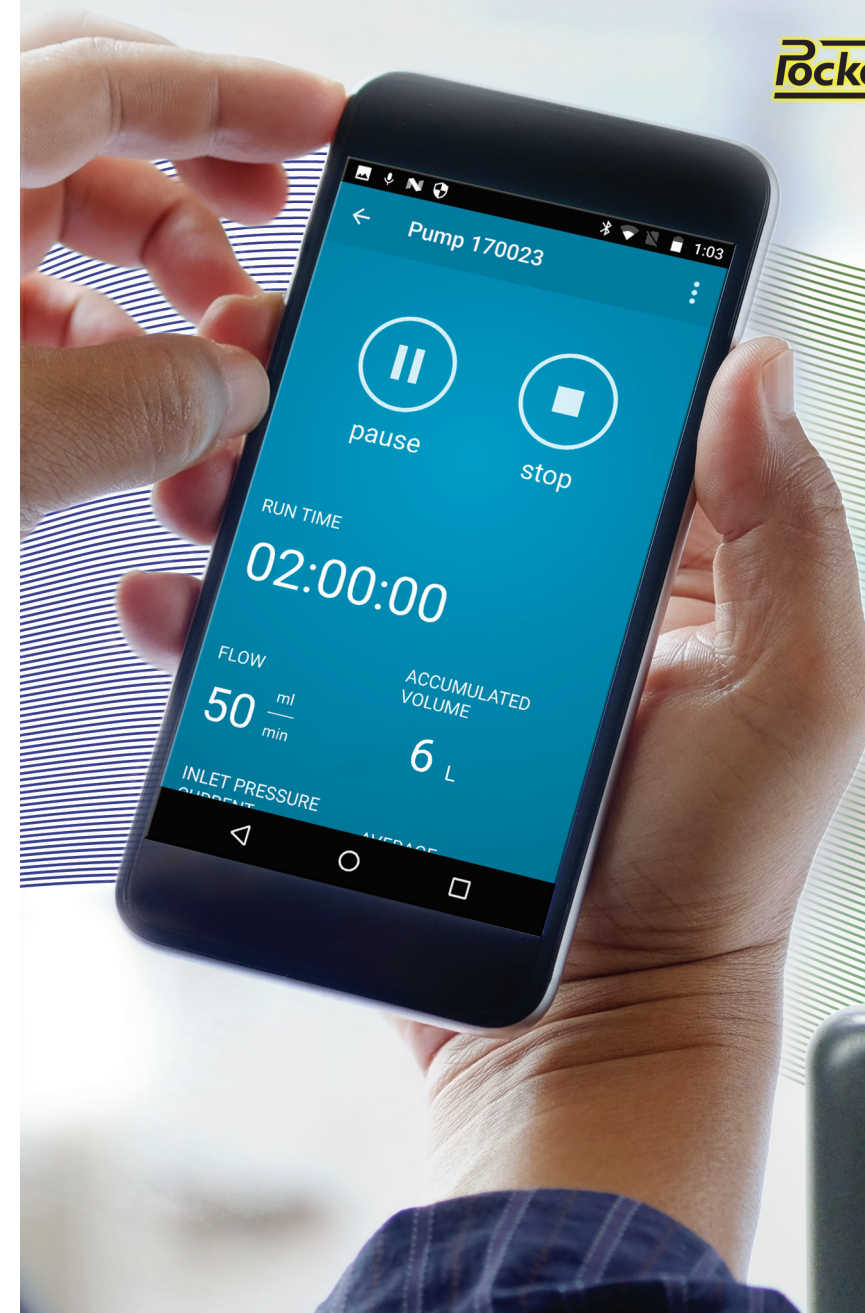
Browse [www.skcinc.com/smartwave](http://www.skcinc.com/smartwave) or scan the QR code.



MORE INFO



# Rocket Pump TOUCH



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

# Rocket Pump TOUCH

20 to 500 ml/min Sample Pump



Bag sampling exhaust port



BLE and Non-BLE models available

Highly visible run and fault status LEDs

Only 8.3 oz (235 gm)

Tough IP 64-rated impact-resistant case with rubber overmolding for no-slip grip

Large backlit, responsive touch screen

## 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.skcinc.com](http://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**
- **Designed to meet ISO 13137**



Bluetooth communication with PC and DataTrac Pro Software or phones/tablets and 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 flow rate verification with Low Flow chek-mate Flowmeter

## 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: ± 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
<b>Temperature Ranges</b>	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)
<b>Humidity Range</b>	≤ 95% RH, non-condensing
<b>Altitude</b>	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
<b>Flow Fault</b>	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 prior to that. If full airflow is not restored after 5 auto-restart attempts within 5 minutes, the pump ends the run and displays 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°C ≤ T <sub>a</sub> ≤ 45°C Ex II 1G Exia IIC T4 Ga IECEx UL 16.0113 DEMKO 16ATEX 1600; UL22UKEX2584; UKCA 0843† 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 in the App Store and GooglePlay
<b>Tubing</b>	Requires 1/4-in ID tubing

\* 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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Android is a trademark of Google LLC