

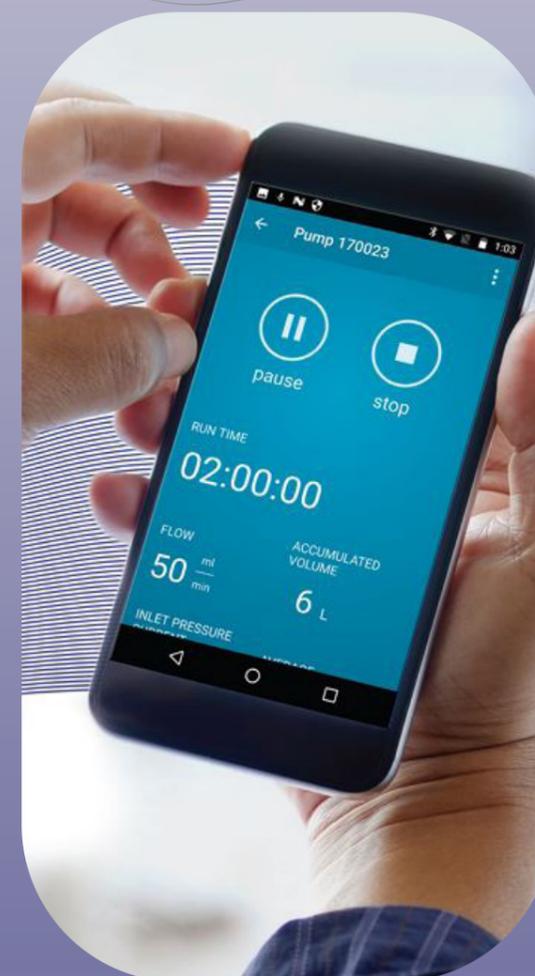
# Rocket Pump TOUCH

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A strategic move in sample pumps - 20 to 500 ml/min

Description	Part No:
Pocket Pump TOUCH with Li-Ion battery and mini screwdriver kit. Requires SKC approved charger, see below	220-1000TC
Pocket Pump TOUCH pump with Li-Ion battery instruction manual and single charger with power supply, USB magnetic charger cable, mini screwdriver kit, 1 m length of Tygon tubing, non-adjustable low flow single tube holder with Type A tube cover, tube breaker, Step-by-Step Guide in a durable carry case	220-1000TCKV
Pocket Pump TOUCH 5-Pump Vapour Sampling Kit includes: 5 Pocket Pump TOUCH pumps with Li-Ion batteries and instruction manuals and 5 way USB Hub with power supply, 5 x USB magnetic charger cables, 5 x mini screwdriver kit, 5 x 1 m length of Tygon tubing, 5 non-adjustable low flow single tube holders with Type A tube covers, tube breaker, and 3 Step-by-Step Guides in a durable carry case	220-1000TCK5V
Accessories	Part No:
Single Charger with power cable and USB magnetic single charger cable with UK/EU/US/AUS adaptor plugs	220-300A
5 port USB Hub with power cable, accommodates up to 5 single chargers. Requires 1 x USB magnetic charger cable P75739 for each Pocket Pump TOUCH. With UK/EU cables	220-400
USB to Pocket Pump TOUCH - magnetic charger cable	P75739
chek-mate flowmeter, 20-500 ml/min	375-00205
Quick-connect Bag Sampling Adaptor, installs on pump exhaust port. Holds rigid PTFE 1/4in OD tubing securely for bag sampling. Simply press to release tubing.	220-200
USB Bluetooth® Adaptor (required for free software download and use of DataTrac Pro® PC software for Pocket Pump TOUCH*)	877-94

ATEX, UKEx, IECEx certified for potentially explosive gas atmospheres.  
 UL certified for gas and dust potentially explosive atmospheres  
 Pocket Pump TOUCH contain Li-Ion batteries and may be subject to special shipping regulations.  
 Replacing batteries with non-approved battery packs voids any warranty and UL, IECEx, ATEX and UKEx  
 Certifications for Intrinsic Safety



- 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
- 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® communications with PC and DataTrac® Pro Software



USB charging with magnetic connector and sure-connect LED indicator



Optional quick-connect for secure bag sampling

## 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  $\pm 3$  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
- **Temperature Ranges**  
Operating: 0 to 45 C (32 to 113 F); Charging: 0 to 45 C (32 to 113 F); Storage: -20 to 45 C (-4 to 113 F)
- **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 4572 meters (15,000 feet) above and down to 701 meters (2,300 feet) 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 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**.
- **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** 8.1 x 9.7 x 3.8 cm (3.2 x 3.8 x 1.5 in)
- **Weight** 235 gm (8.3 oz)
- **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  $\leq$  Ta  $\leq$  45°C LISTED U 4 E62011 II 1G Exia IIC T4 Ga IECEx UL 16.0113 DEMKO 16ATEX 1600; UL22UKEX2584; UKCA 0843† 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- $\mu$ m MCE filter with new pump and battery. Pump performance may vary.

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