Pocket Pump TOUCH

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 instuction 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

SKC Europe

SKC Limited, 11 Sunrise Business Park,
Higher Shaftesbury Road,
Blandford Forum. Dorset DT11 8ST

T: 01258 480188
E: enquiries@skcltd.com
www.skcltd.com

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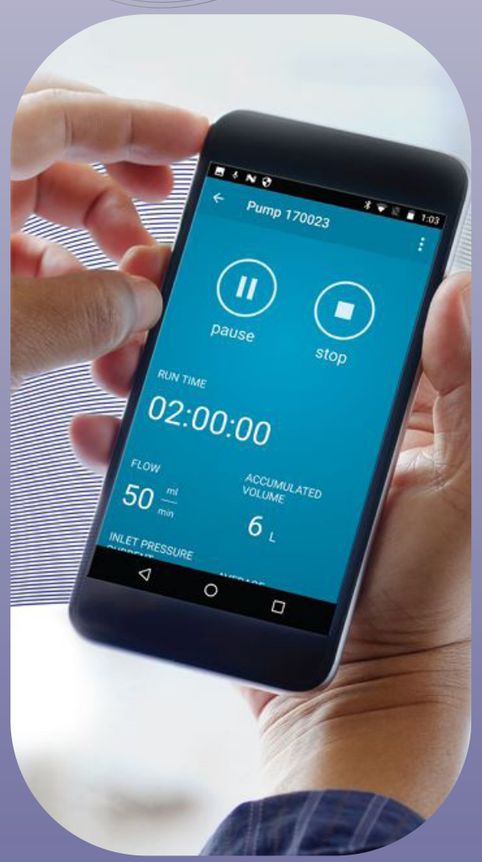
Pocket Pump TOUCH

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



Pocket Pump TOUCH

SKC World Leader in Sampling Technologies www.skcltd.com

- 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: ± 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
- **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 ≤ 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 or P76303A)
  - 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 ≤ Ta ≤ 45°C
  - Ex II 1G Exia IIC T4 Ga IECEx UL 16.0113 DEMKO 16ATEX 1600; UL22UKEX2584; UKCA 0843 CE 0539

C UL US LISTED E62011

- **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.

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