

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



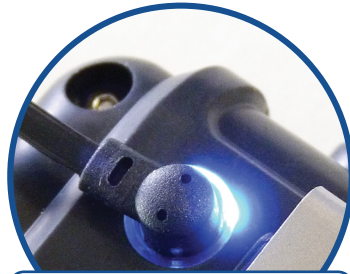
KEY FEATURES

- Intuitive touch screen for easy programmability
- 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)
- 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 with 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 calibration with Low Flow chek-mate Calibrator

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 $-20^{\circ}\text{C} \leq T_a \leq 45^{\circ}\text{C}$ $\text{Ex} \text{ II } 1\text{G Exia IIC T4 Ga}$ IECEX UL 16.0113 DEMKO 16ATEX 1600; UL22UKEX2584; UKCA 0843† CE 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- μm MCE filter with new pump and battery. Pump performance may vary.
† UL22UKEX2584 and UKCA mark added based on previously issued ATEX/IECEX certificates

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.

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.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.

Visit www.skcinc.com/smartwave



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