

SKC Rocket Pump® TOUCH

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



Intuitive **TOUCH** screen for easy operation and calibration



Bluetooth communication with PC for remote pump monitoring



World Leader in Sampling Technologies

www.skcinc.com

SKC Rocket Pump TOUCH

- ✓ Intuitive touch screen for easy programmability
- ✓ Constant flows from 20 to 500 ml/min
 - Accommodates typical flow rates for sorbent tubes
- ✓ Bluetooth communication with PC and DataTrac Pro Software
- ✓ Exhaust port for direct filling of sample bags
 - Optional quick-connect accessory for easy connection
- ✓ Magnetic charging connector
- ✓ Constant battery status display
- ✓ Time, date, battery status, flow rate, sample volume, temperature, atmospheric pressure, remaining run time (programmed run), and elapsed run time displayed on large backlit screen
- ✓ Rubber overmolding on case provides quiet operation, impact protection, and a no-slip grip
- ✓ Compact and only 8.3 ounces (235 grams)
- ✓ > 20+ hour run times 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
- ✓ Automatic flow fault and restart
- ✓ Screen auto-lock provides for secure sampling



Bluetooth® communication with PC and DataTrac® Pro Software




USB charging with magnetic connector and sure-connect LED indicator



Exhaust port with optional quick-connect accessory 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, 3.6 V, 2.6 Ah, 9.36 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
Charging Time (varies with battery capacity and level of discharge)	≤ 10 hrs (≤ 4.5 hrs to 80%)
Accuracy	Constant flow control: ± 5% of set-point or ± 3 ml/min, whichever is higher Atmospheric pressure: ±0.3 in Hg Temperature: ± 1.0 C Real-time clock: ± 1% Constant pressure mode: ±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 F (-20 to 45 C)
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 15,000 feet (4,572 meters) above and down to 2,300 feet (701 meters) below sea level
Flow Fault	After 3 seconds of restricted flow, pump stops running, elapsed time continues, status LEDs flash red, and pump displays fault icon. After 5 seconds in fault, auto-restart is attempted every 5 seconds up to 5 times unless full airflow is restored prior to that. If full airflow is not corrected within 25 seconds, 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°C ≤ T _a ≤ 45°C  II 1G Exia IIC T4 Ga IECEx UL 16.0113 DEMKO 16ATEX 1600 CE0539 -RoHS compliant
Case Material	IP 64-rated case, polycarbonate with rubberized anti-static overmolding
Communications with PC	Low-energy Bluetooth, <i>requires DataTrac Pro for Pocket Pump TOUCH USB Bluetooth Adapter (Cat. No. 877-94)</i>
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.

Ordering

Description	Cat. No.
Pocket Pump TOUCH only* with Li-Ion battery and screwdriver, <i>requires charger</i> ; see kits or chargers below	220-1000TC
Pocket Pump TOUCH with Charger* includes pump as described above and single charger (cable and wall cube with U.S. plug)	220-1000TC-C
Pocket Pump TOUCH Starter Kit* includes pump and single charger as described above, 3 feet (0.9 meter) of Tygon tubing, and collar clip with cable tie	220-1000TC-S
Single Pump Kit**† includes pump and single charger as described above, and Type A single tube holder, in a soft-sided nylon carry case	220-1000TC-K
3-pack Pump Kit* includes 3 pumps as described above, 3 single chargers (cables and wall cubes with U.S. plug), and 3 Type A single tube holders, in a Pelican case	220-1000TC-K3
5-pack Pump Kit* includes 5 pumps as described above, 5 single chargers (cables and wall cubes with U.S. plug), and 5 Type A single tube holders, in a Pelican case	220-1000TC-K5
5-pack Deluxe Pump Kit* includes 5 pumps as described above, 5 Type A single tube holders, 5 single charging cables (<i>without wall cubes</i>), one 5-port USB charging hub with power cable (U.S. plug), and 1 DataTrac Pro USB Bluetooth Adapter (<i>software available via free download</i>), in a Pelican case	220-1000TC-K5D

Accessories	Cat. No.
Single Charger , USB, magnetic connector, supplied as cable and wall cube with U.S. plug	220-300
5-port USB Hub with power cable (U.S. plug), accommodates up to 5 USB chargers, <i>requires up to 5 single charging cables available as Cat. No. P75739</i>	220-400
Single Charging Cable , USB, without wall cube	P75739
Replacement Battery Pack** Li-Ion	P76303
Quick-connect Bag Sampling Adapter , installs on pump exhaust port for secure connection to tubing for bag sampling, accepts 1/4-inch OD PTFE tubing	220-200
Single Kit Case , nylon, with shoulder strap	224-903
5-pack Kit Case , Pelican	224-915
DataTrac Pro for Pocket Pump TOUCH USB Bluetooth adapter, <i>required for free software download and use of DataTrac Pro software</i>	877-94

* Pocket Pump TOUCH pumps contain Li-Ion batteries and are subject to special shipping regulations.
 † Single kits are also available in hard-sided Pelican case. Contact SKC.
 ‡ Replacing batteries with non-approved battery packs voids any warranty and UL Listing for intrinsic safety.

Pocket Pump TOUCH requires 1/4-inch ID tubing

SKC Limited Warranty and Return Policy

SKC products are subject to the SKC Limited Warranty and Return Policy, which provides SKC's sole liability and the buyer's exclusive remedy. To view the complete SKC Limited Warranty and Return Policy, go to <http://www.skcinc.com/warranty>.

