

SKC *Rocket Pump* TOUCH

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

NEW!



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



Bluetooth communication with PC – monitor pump status remotely



World Leader in Sampling Technologies

www.skcinc.com

SKC Rocket Pump TOUCH

- ✓ **Easy touch screen operation and calibration**
- ✓ **Constant flows from 20 to 500 ml/min**
 - Accommodates typical flow rates for sorbent tubes
 - Constant pressure from 1 to 20 inches water
- ✓ **Bluetooth wireless connectivity with PC and DataTrac Pro Software**
- ✓ **Large backlit display**
 - Displays time, date, battery status, flow rate, sample volume, temperature, atmospheric pressure, programmed run remaining time, and elapsed run time
- ✓ **Powerful Li-Ion battery for > 15-hour run times**
 - Power-saving auto-dim and low-energy Bluetooth features
 - Extended run times with USB/charger
- ✓ **Only 8.3 ounces (235 grams)**
- ✓ **Multi-tube sampling — save time and use fewer pumps**
 - Sample with up to four tubes simultaneously
- ✓ **Automatic flow fault and restart**
- ✓ **Secure screen during sampling with auto-lock feature**



Bluetooth® communication 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 10 inches water (1.87 to 18.7 mm Hg) at a maximum flow rate of 500 ml/min 10 to 20 inches water (18.7 to 37.4 mm Hg) at maximum flow rate of 100 ml/min
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 charger
Run Time (Li-Ion)	15+ hrs at 500 ml/min up to 20 inches water back pressure, extended run times available with charger
Charging Time (<i>varies with battery capacity and level of discharge</i>)	≤ 7 hrs
Accuracy	Flow control: ± 5% of set-point in constant flow mode after calibration to desired flow Atmospheric pressure: ±0.3 in Hg Temperature: ± 1.0 C Real-time clock: ± 1% Constant pressure mode: Reading ±0.5 inches water (0.25 mm Hg)
Temperature Ranges	Operating: 32 to 104 F (0 to 40 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 104 F [0 to 40 C]) and ambient pressure up to 15,000 feet above and down to 2,500 feet below sea level
Flow Fault	After 3 seconds, pump goes into Hold, retains accumulated run time display, and displays fault icon. After 5 seconds, auto-restart is attempted every 5 minutes until flow is corrected or fault mode is cancelled.
Display Type/Parameters	High-contrast backlit LCD/Time, date, battery status, flow rate, sample volume, temperature, atmospheric 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:	<p>-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</p> <p>-Meets ISO 13137:3013 -RoHS compliant</p>
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

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	220-1000TC-C
Pocket Pump TOUCH Starter Kit* includes pump, single charger, 3 feet (0.9 meter) of Tygon tubing, and collar clip with cable tie	220-1000TC-S
Single Pump Kit**† includes pump as described above, single charger, and Type A single tube holder, in a soft-sided nylon carry case	220-1000TC-K
5-pack Pump Kit* includes 5 pumps as described above, 5 single chargers, 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 USB chargers (no power adapters <i>[wall cubes]</i>), one 5-port USB charging hub with power cable (U.S. plug), and 1 DataTrac Pro USB Bluetooth adapter, in a Pelican case	220-1000TC-K5D

Accessories	Cat. No.
Single Charger , USB, magnetic connector, with power adapter (<i>wall cube</i>)	220-300
5-port USB Hub with power cable (U.S. plug), accommodates up to 5 USB chargers	220-400
Replacement Battery Pack** Li-Ion	P76303
Quick-connect Bag Sampling Adapter , installs on pump exhaust port for secure connection to tubing for bag sampling	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	877-94

* Pocket Pump TOUCH pumps contain Li-Ion batteries and may be 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.asp>.



Distributed by:
Air-Met Scientific Pty Ltd

Air-Met Sales/Service

P: 1800 000 744

F: 1800 000 774

E: sales@airmet.com.au

Air-Met Rental

P: 1300 137 067

E: hire@airmet.com.au

W: www.airmet.com.au



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