

Pocket Pump TOUCH

Sample pump



Intuitive

Compact

Versatile

ProCare | SAFETY

We take intensive Care

Pocket Pump TOUCH

- Intuitive touch screen operation and calibration
- Constant flows from 20 to 500 ml/min
 - Accommodates typical flow rates for sorbent tubes
 - Constant pressure from 1.87 to 37.4 mm Hg
- Bluetooth wireless connectivity with PC and DataTrac Pro Software
- Magnetic charging connector
- Constant battery status display
- Powerful Li-Ion battery for > 20 hour run times
 - Power-saving auto dim and low energy Bluetooth features
 - Extended run times with USB/charger
- Only 235gram
- 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 combinations with PC and DataTrac Pro Software



USB charging with magnetic connector and sure-connect LED indicator



Optional quick-connect for secure bag sampling

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Specifications

Flow Range	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 (1.87 to 37.4 mm Hg)
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)	20+ hrs at 500 ml/min up to 20 inches water back pressure, extended run times available with charger
Charging Time	≤ 10 hrs (≤ 4.5 hrs to 80%)
Accuracy	Flow control: ± 5% of set-point in constant flow mode after calibration to desired flow Atmospheric pressure: ±0.3 in Hg (±0.56 mm Hg) Temperature: ±1.0 °C Real-time clock: ±1% Constant pressure mode: ±0.5 inches water
Temperature Ranges	Operating: 0 °C to 45 °C Charging: 0 °C to 45 °C Storage: -20 °C to 45 °C
Humidity Ranges	≤ 95 % RH, non-condensing
Altitude	Corrects flow for changes in temperature 0 to 45 °C (32 °F to 113 °F) and ambient pressure up to 4,572 m (15,000 ft) above and down to 701m (2,300 ft) below sea level
Flow Fault	After 3 seconds of restricted flow, pump stops running, elapsed time continues, 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/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 and Weight	8.1cm x 9.7cm x 3.8cm, 235 gram
Intrinsic Safety Certifications	SKC Part No: 220-1000TC sample pump operated with SKC battery pack Part No: P76303 ATEX - II 1 G Ex ia IIC T4 Ga DEMKO 16ATEX 1600 IECEX - Ex ia IIC T4 Ga IECEX UL 16.0113 UL - 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 UL Listed E62011
Other Certifications	CE marked and RoHS compliant
Case Material	IP 64-rated case, polycarbonate with rubberised anti-static overmoulding
Communication with PC	Low energy Bluetooth, requires DataTrac Pro for Pocket Pump TOUCH USB Bluetooth adaptor (Part No. 877-94)

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Description	Part number
Pocket Pump TOUCH 20-500 ml/min with Li-Ion battery and mini tool kit. Requires a charger, see 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 and single charger as described above, 0,9 meter of Tygon tubing and collar clip with cable tie	220-1000TC-S
Pocket Pump TOUCH 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
Pocket Pump TOUCH Single Pump Vapour Kit includes pump, single charger, single low-flow Tube Holder with Type A cover, Tube Breaker, mini tool kit, Basic Step by Step Guide and carry case.	220-1000TCKV
Pocket Pump TOUCH 3-Pump Kit includes 3 pumps as described above, 3 single chargers and 3 Type A single tube holders, in pelican case	220-1000TC-K3
Pocket Pump TOUCH 5-Pump Kit includes 5 pumps as described above, 5 single chargers and 5 Type A single tube holders, in pelican case	220-1000TC-K5
Pocket Pump TOUCH 5-Pump Deluxe Kit includes 5 pumps as described above and 5 Type A single tube holders, 5 single charging cables, one 5-port USB charging hub with power cable, and 1 DataTrac Pro USB Bluetooth Adapter, in pelican case	220-1000TC-K5D
Pocket Pump TOUCH 5-Pump Vapour Kit includes 5 pumps as described above, 5 USB charging cables, one 5-port USB charging hub with power cable, 5 x single low-flow Tube Holders with Type A covers, Tube Breaker, 5 x mini tool kits, 3 x Basic Step by Step Guides in a carry case.	220-1000TCK5V

Accessories	Part number
Single Charger comprises a mains adapter with a USB output and USB charging cable	220-300A
Five-port USB Hub for Pocket Pump TOUCH Chargers	220-400
USB Charging Cable	P75739
Quick-connect Bag Sampling Adapter	220-200
DataTrac Pro USB Bluetooth Adapter	877-94
5 Pump Kit Case, Pelican	224-915
Replacement Li-Ion Battery Pack	P76303

Pocket Pump TOUCH requires 1/4" ID tubing



Large backlit touchscreen



Easy calibration with chek-mate calibrator

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