

# Rocket Pump TOUCH

# Rocket Pump TOUCH

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

Description	Part No:
<b>Pocket Pump TOUCH</b> 20-500 ml/min with Li-Ion battery and mini tool kit. Requires a charger, see below	<b>220-1000TC</b>
<b>Pocket Pump TOUCH Single Pump Vapour Kit</b> 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.	<b>220-1000TCKV</b>
<b>Pocket Pump TOUCH 5 Pump Vapour Kit</b> 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.	<b>220-1000TCK5V</b>
Accessories	Part No:
<b>Single Charger</b> comprises a mains adapter with a USB output and USB charging cable	<b>220-300A</b>
<b>Five-port USB Hub</b> for Pocket Pump TOUCH Chargers	<b>220-400</b>
<b>USB Charging Cable</b>	<b>P75739</b>
<b>Quick-connect Bag Sampling Adapter</b>	<b>220-200</b>
<b>DataTrac Pro</b> USB Bluetooth Adapter	<b>877-94</b>

ATEX certified for potentially explosive gas 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 and ATEX  
 Certifications for Intrinsic Safety



Intuitive TOUCH screen for easy operation and calibration



Bluetooth communication with PC - monitor pump status remotely



# Rocket Pump TOUCH

- Intuitive touch screen operation and calibration
- Constant flows from 20 to 500 ml/min
  - Accomodates 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 235g (8.3 oz)
- 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® communications with PC and DataTrac® Pro Software



USB charging with magnetic connector and sure-connect LED indicator



Optional quick-connect for secure bag sampling

<b>Flow Range in Constant Flow Mode</b>	20 to 500 ml/min
<b>Compensation Range in Constant Flow Mode</b>	20 to 500 ml/min up to 20 inches water back pressure
<b>Pressure Range in Constant Pressure Mode</b>	1 to 20 inches (1.87 to 37.4 mm Hg)
<b>Flow Control System</b>	Corrects for changes in back pressure, temperature and atmospheric pressure.
<b>Power</b>	Removable rechargeable Lithium-ion (Li-Ion) battery, 3.6 V, 2.6 Ah, 9.36 Wh or charger
<b>Run Time (Li-Ion)</b>	20+ hrs at 500 ml/min up to 20 inches water back pressure, extended run times available with charger
<b>Charging Time (varies with battery capacity and level of discharge)</b>	≤ 10 hrs (≤ 4.5 hrs to 80%)
<b>Accuracy</b>	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
<b>Temperature Ranges</b>	Operating: 0 °C to 45 °C (32 °F to 113 °F) Charging: 0 °C to 45 °C (32 °F to 113 °F) Storage: -20 °C to 45 °C (-4 °F to 113 °F)
<b>Humidity Ranges</b>	≤ 95 % RH, non-condensing
<b>Altitude</b>	Corrects flow for changes in temperature 0 to 45 v (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
<b>Flow Fault</b>	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.
<b>Display/Parameters</b>	High contrast backlit LCD/time, date, battery status, flow rate, sample volume, temperature, atmospheric pressure, programmed run remaining time and elapsed run time.
<b>User Interface</b>	Eight area capacitive touch screen with auto-dim and locking options.
<b>Dimensions</b>	8.1cm x 9.7cm x 3.8cm (3.2" x 3.8" x 1.5")
<b>Weight</b>	235g (8.3 oz)
<b>Intrinsic Safety Certifications</b>	<b>SKC Part No: 220-1000TC sample pump operated with SKC battery pack Part No: P76303</b> ATEX - Ex 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
<b>Other Certifications</b>	CE marked and RoHS compliant
<b>Case Material</b>	IP 64-rated case, polycarbonate with rubberised anti-static overmoulding
<b>Communication with PC</b>	Low energy Bluetooth, requires DataTrac Pro for Pocket Pump TOUCH USB Bluetooth adaptor (Part No. 877-94)

