Pocket Pump Sample Pump

Smallest Programmable Low Flow Pump Available!

Flows: 20 to 225 ml/min

Certifications		
c(UL)us LISTED *intrinsically safe*	⟨Ex⟩ *ATEX-approved model available; contact SKC*	CE
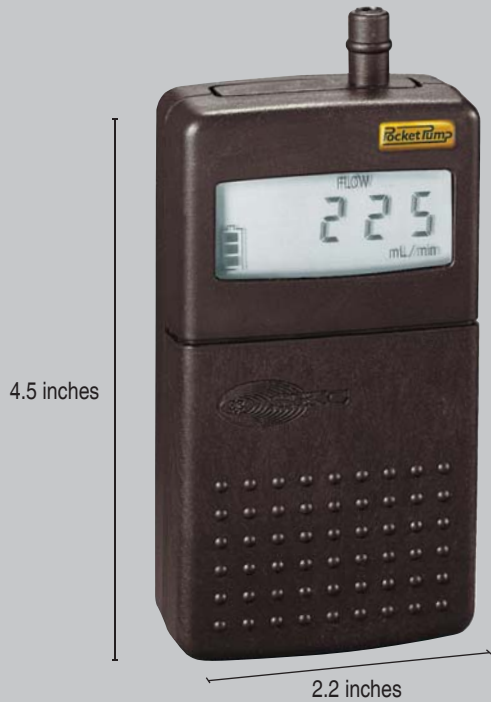
Battery status indicator
Easy-to-read LCD
Easy operation and programmability

DataTrac PC-compatible

Pocket Pump® in single-tube sample train

4.5 inches

2.2 inches

◉ **Constant flows from 20 to 225 ml/min**
- Accommodates typical flow rates for sorbent tubes

◉ **Programmability in a pump that fits into a shirt pocket**
- Easy three-button pump operation; no tools needed
- Only 5 ounces (142 grams)!
- 4.5 x 2.2 x 1.4 inches (11.4 x 5.6 x 3.6 cm)

◉ **Constant flow and constant pressure modes**
- For single-tube sampling and time-saving multiple-tube sampling

◉ **Twin port model available for bag sampling**

◉ **12+ hours extended run time at 200 ml/min with NiMH battery**
- Continuous run with AC adapter for 24-hour sampling

◉ **PC programmable with DataTrac Software**
- Program delayed start, timed run, or multiple sampling schedules
- Download sampling data to a PC for record keeping and data analysis

◉ **Smart charging**
- Automatically senses maximum charge and switches to trickle charge to prolong battery life and prevent damage; it never overcharges

◉ **Large easy-to-read LCD**
- Displays sampling parameters, battery status, and flow fault at the touch of a button

◉ **Intrinsically safe**

◉ **Features maintain sample integrity**
- Low battery and restricted flow shut-off
- Auto-restart attempted after flow fault
- Run time data stored in pump memory
- Security code minimizes accidental changes or tampering and maintains sample validity
- RFI/EMI shielded and CE marked
- Impact-resistant case features sliding cover to protect keypad and interface port; withstands rough handling in the industrial workplace

SKC

Pocket Pump Sample Pump

Performance Profile

Flow Control Accuracy	± 5% of set-point in constant flow mode after calibration
Typical Run Time (NiMH)	12 hrs at 200 ml/min up to 10 inches water back pressure ***Using charger with AC power:*** Extended run time
Charge Time *(varies with battery capacity and level of discharge)*	≤ 6 hrs with Pocket Pump charger (battery attached to pump); approximately 16 hrs with charger (battery detached from pump)
Temperature Range	***Operating:*** 32 to 104 F (0 to 40 C) ***Charging:*** 40 to 100 F (5 to 38 C) ***Storage:*** -4 to 113 F (-20 to 45 C)
Flow Fault	After 15 sec, pump goes into Hold, retains accumulated run time display, and displays fault icon. After 5 min, auto-restart is attempted every 5 min until flow is corrected or fault mode is cancelled.
Timer	1 to 9999 min display ± 1% accuracy

Ordering Information

Pocket Pump requires 1/4-inch ID tubing.

Pump and Kits		Cat. No.
Pocket Pump only with NiMH battery and screwdriver set, *requires charger; see kits or chargers below*		**210-1002MH**
Pocket Pump (as described above) and Charger	115 V	**210-1000MH**
	100-240 V	**210-1001MH**
Twin Port Pocket Pump (for bag sampling) with NiMH battery (not UL Listed for intrinsic safety) and screwdriver set, *requires charger Cat. No. 223-228 or 223-229A below; requires tubing Cat. No. 231-9-23 and 231-926 for bag sampling*		**210-1002A**
Twin Port Pocket Pump, ATEX approved for intrinsic safety, with NiMH battery pack, *requires charger Cat. No. 223-228 or 223-229A below; requires tubing Cat. No. 231-9-23 and 231-926 for bag sampling*		**210-1003MTX**
Starter Kit includes pump as described above, single charger, Tygon tubing (3 feet, 1/4-inch ID), and collar clip with cable tie	115 V	**210-1000MH-S**
	100-240 V	**210-1001MH-S**
Single Pump Kit includes pump as described above, single charger, and Type A single tube holder, in a soft-side nylon carry case[†]	115 V	**210-1000MHK**
	100-240 V	**210-1001MHK**
5-pack Pump Kit with Single Chargers includes 5 pumps as described above, single chargers, and Type A single tube holders, in a Pelican case	115 V	**210-1000MHK5**
	100-240 V	**210-1001MHK5**
5-pack Pump Kit with Multi-charger includes 5 pumps as described above and Type A single tube holders and one 5-station multi-charger, in a Pelican case	115 V	**210-1000MH5D**
	100-240 V	**210-1001MH5D**

Accessories			
Chargers, suitable for NiMH and NiCad batteries	**5-station**	115 V	223-427
		100-240 V	223-107A
	Single *(also a battery eliminator)*	115 V	223-228
		100-240 V	223-229A
DataTrac for Pocket Pump Software includes software on CD and USB cable			877-90

Replacement Parts		
Replacement Pump Battery Packs[‡]	NiMH	P20129-2[‡]
	NiCad	P20129-1[‡]

† Single kit also available in hard-sided Pelican case; contact SKC

‡ Replacing batteries with non-approved battery packs voids any warranty and UL intrinsic safety approvals.

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.

Quick View

Flow Rate (ml/min)	20 to 225 (all models)
Weight in Ounces (grams)	5 (142)
Compensation Range (inches water)	Up to 20 at 225 ml (constant flow)
Built-in Timer/Clock	Timer
Constant Flow	Yes
Programmable	Yes
PC-compatible	Yes
Multi-tube Sampling	Yes
Flow Fault Feature	Yes
RFI/EMI Shielded	Yes
Intrinsically Safe — UL Listed	Yes (single port models)
MSHA-approved Models Available	N/A
ATEX Models Available	Yes
CE Marked	Yes
Corrects for Changes in Atmospheric Pressure	N/A
Corrects for Changes in Temperature	N/A
Battery Type	NiMH (2.4 V, 1.0 Ah) or NiCad (2.4 V, 0.6 Ah)
Battery Check	Yes
Tubing	Requires 1/4-inch ID tubing

Recommended Accessories
Chargers
Battery Eliminator
DataTrac for Pocket Pump Software Cat. No. 877-90
Constant Pressure Controller (CPC) Cat. No. 224-26-CPC
Single Tube Holder
Adjustable Multiple Tube Holders
Tubing
Kit Cases