

24-Hour

Publication 1620 Rev 0403

HIGH FLOW

Now it's Personal

Leland Legacy Sample Pump

High flows from 5 to 15 L/min

Achieve flow rates that you couldn't reach before when using a personal sample pump. The Leland Legacy provides high flow pump power in a compact, portable sampler.

High flows for 24 hours on one battery charge

Rechargeable lithium-ion (Li-Ion) battery pack will provide 24-hour run times.

Highly advanced flow control

The patented internal flow sensor* measures flow directly and acts as a secondary standard to constantly maintain a set flow. The set flow is achieved immediately at start-up and is automatically corrected for variations in temperature and atmospheric pressure.

Highly flexible programming

- **Manual three-button programmability**

Simply key in sample time and flow rate using the built-in three-button keypad. No tools needed — just set, calibrate, and sample! Real-time parameters are available at the touch of a button.

- **PC programmability**

The ultimate in easy programmability and downloading. Use Leland Legacy with your PC and DataTrac® software to create complete running sequences, download sampling and calibration data, and generate exposure and calibration reports for ISO or TQM programs. (*DataTrac Software for Leland Legacy sold separately.*)

Highly accurate calibration

The patented† built-in CalChek® feature provides direct communication to a primary standard for fast and easy calibration without manual adjustments. (*DC-Lite Calibrator required for CalChek is sold separately or in convenient pump kits.*)



* Patent No. 5,892,160

† Patent No. 6,227,031



World leader in sampling technologies

Leland Legacy



Leland Legacy Sampler Applications

Use in non-explosive environments only.

- 24-hour exposure monitoring
- Indoor air studies
- Particulate sampling:
 - Pesticides-EPA TO-10A and ASTM 4861
 - Bioaerosols
 - Cotton dust
 - Radon decay products (ASTM D6327-98)
- Environmental sampling
- Sampling with cascade impactors
- Spore Trap sampling
- PM_{2.5} with P&M at 10 L/min

Leland Legacy and Sioutas Impactor

Suitable for use with the Leland Legacy Pump at 9 L/min the Sioutas Impactor separates airborne particles precisely into five size ranges from ultrafine to PM_{2.5}. When used with PTFE (Teflon) filters, the Sioutas Impactor is highly efficient at collecting particles without using impaction grease or coated substrate and at retaining labile compounds for analysis. For more information on the Sioutas Impactor, contact SKC.



* Developed by Dr. Constantinos Sioutas of the University of Southern California in partnership with NUATRC.

Pump Kits and Accessories

Description	Cat. No.
Leland Legacy Pump only with Li-Ion battery pack	100-3000NUL‡
Single Pump Kit includes Leland Legacy Pump, single charger** (100-240 V) and carry case	100-3000NULK‡
CalChek Kit* includes items in single kit, a CalChekCommunicator, and a DC-Lite Calibrator with charger	100-3CALK*
5-pack Pump Kit includes 5 Leland Legacy Pumps, 5 single chargers** (100-240 V), and DataTrac Software in a deluxe carry case (Pelican)	100-3000NULK5A‡
CalChek Kit* includes items in 5-pack kit, a CalChek Communicator, and a DC-Lite Calibrator with charger	100-3CAL5K*
Accessories	
Single Charger**, 100-240 V, with interchangeable plugs	223-241
Protective Nylon Case with lining for maximum sound reduction, includes waist belt and shoulder strap	224-89
DataTrac Software for Leland Legacy	877-92
Replacement Battery Pack, Li-Ion	P75692NUL

* Also available with 230-V DC-Lite

** Worldwide power input with interchangeable plugs included

‡ UL listing for intrinsic safety pending

Call SKC for your personal introduction to the Leland Legacy



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