

Apex Lite (Dry Cell)



**Always
ready
for action!**

KEY FEATURES

- Cost effective sampling solution
- Toughened screen / Lighter weight
- Rubber coated for easy cleaning
- Simple operation: turn on, calibrate, sample
- No separate charger required
- Over 45 hrs run time**
- Ideal for occasional or emergency sampling
- Constant flow from 5 ml to 5000 ml /min
- Proven, reliable performance.
- CE marked

* Apex Lite is designed for use in non-intrinsically safe areas only.

** New AA Alkaline batteries with 25mm GFA filter @ 2l/min.

INTRODUCTION

Casella CEL are pleased to announce the arrival of an additional model in the Apex Personal Sampling Pump range. The Apex Lite has the full specification of the normal rechargeable versions* but with extra operational and cost advantages offered by running on Alkaline cells.



Apex Lite

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The Apex Lite is an ideal instrument for the Industrial Hygiene and Health & Safety Professionals. Traditional personal air sampling pumps operate from rechargeable cells. These require a charging system and pre sampling charge time with an undesirable cost impact when used infrequently.

The Apex Lite is ideally suited to occasional or emergency standby sampling applications. Longer run times may be achieved due to the higher capacities offered from some Alkaline cells.

Fit batteries and you're ready to go!

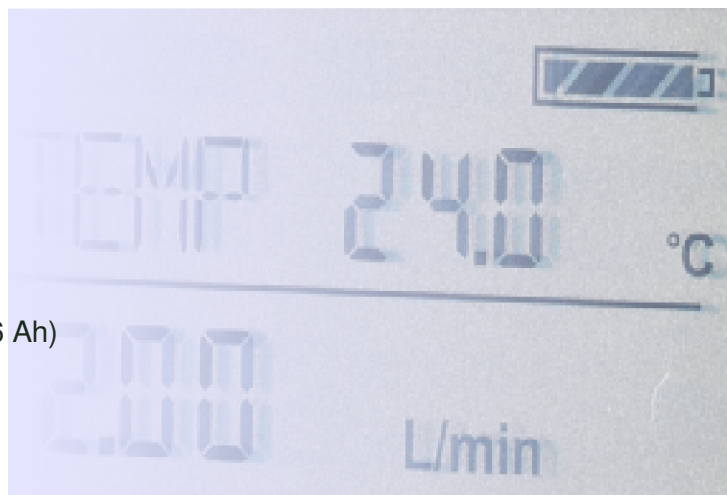
Users can also source their own rechargeable AA Nickel metal Hydride cells to use with the unit, reducing the cost of consumable dry cells. Alternatively the Apex Lite can be easily converted to use the convenient Casella drop-in charger system.

Two models are available, the Apex Standard or Pro. The Pro version offers enhanced programmability and data-logging functions. Data can be downloaded via the IR interface for the generation of comprehensive reports using Pump Manager software.

Technical Specification

Apex Standard / Pro

Flow Range	5 - 5,000 ml/min
Flow Control Accuracy	Digital flow control circuit <±3% for calibrated point
Inlet pulsation ratio	<10% @ 2.0 L/min
Temp Range	Operational: 5 to + 45 °C Storage: -10° to + 50 °C
Data logging (Pro)	100 Runs
Battery	4 x AA Alkaline (Typically 2.6 Ah)
Dimensions	135 x 75 x 43 mm
Weight	411g
Service Interval	2500 hours (typically)



Ordering Information:

- 182170B: APEX Lite (Standard) pump c/w primary alkaline cells
- 182180B: APEX Lite (Pro) pump c/w primary alkaline cells
- P104104: Apex Starter Kit (Comprising: Plastic carry case with accessories box, 0.3 to 3l/m rotameter and stand, I.O.M head with cassette, tweezers)
- 182091A: Pump Manager Software / Interface (for Pro versions)
- P109032: Low flow adaptor assembly
- 182052B: Single drop in battery charger (for use with rechargeable NimH pack only)
- 182073B: Single NimH rechargeable battery pack.





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.