# LEADERS IN GAS DETECTION

*Since 1977*

## Apex2

## Features:

- 2 Years Warranty (Conditions Apply)
- Bluetooth® and Airwave app
- Wearer acceptance
- Motion Sensing
- Simple Operation
- Innovative Features
- Easy Reporting
- Great Battery Life
- IP65
- ANZEx Certification

## Applications:

- Asbestos
- Occupational Hygiene
- Mining
- Indoor air quality
- Construction sites
- Personal compliance monitoring
- Site dust levels

The Apex2 range of samping pumps has class beating performance and all models are Intrinsically Safe for use in flammable atmospheres. Get conected with the Airwave® mobile software and easily send data directly to your laptop.

## Technical Specification

### Flow Performance
Flow Range ml/min:           1000-5000
Low Flow Range ml/min:       5-500*
Flow Control:                $< \pm 5\%$ at calibrated point
Pulsation:                   <10% @ 2l/min
Back Pressure Capability:    *see separate table*
Fault Detector:              Auto Restart

### Operating
Display:                     Colour OLED
Controls:                    4 buttons
Status Indicators:           Red/Green LED
Dimensions:                  112x37x102mm
Weight:                      480g

### Environmental
Temperature:                 Operation, 0 - 45°C
                             Storage, -10 - 50°C
Humidity:                    30-95% RH (non-condensing)
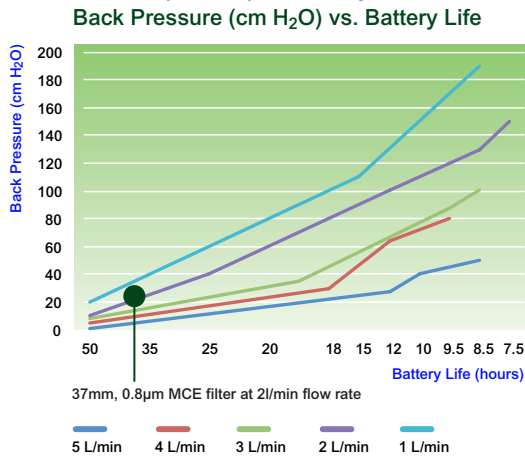Barometric Pressure:         Auto-correcting

### Electrical
Battery Type                 Li ion
Battery Level Indicator      Yes
Battery Life                 *See separate table*
Chargers                     Single or 5-way
Charge time                  Typically <6hrs

### Approvals
                             ANZEx
                             EN1232 Compliant
*Requires adaptor            ISO 13137 Compliant Ingress
                             Protections: IP65

## Model Variants

| | Apex2 | Apex2 PLUS | Apex2 PRO |
|---|---|---|---|
| Motion sensor | • | • | • |
| Bag outlet | • | • | • |
| Bluetooth® | | • | • |
| PC download | | • | • |
| Inlet pressure sensing | | • | • |
| Run duration timer | | • | • |
| Fully programmable timers | | | • |

## Ordering Information

### Apex2 Models
| | |
|---|---|
| Apex2 | Apex2 Standard Pump |
| Apex2Plus | Apex2 Plus Pump |
| Apex2Pro | Apex2 Pro Pump |

### Apex2 Accessories
| | |
|---|---|
| 20905 5b/KIT | Single Docking Station for Apex2 Pump inc PSU & USB Cable |
| 209 058b/KIT | 5-Way Docking Station for Apex2 Pump inc PSU & USB Cable |
| 209025C | Protective Rubber Boot |

### Apex2 Kits
| | |
|---|---|
| APEX2KIT | 5-Way Apex2 Standard Kit |
| APEX2PLUSKIT | 5-Way Apex2  Plus Kit |
| APEX2PROKIT | 5-Wa y A pe x2 Pro Kit |

## Back Pressure (cm $H_2O$) vs. Battery Life

### Back Pressure (cm $H_2O$) vs. Battery Life



37mm, 0.8μm MCE filter at 2l/min flow rate

5 L/min   4 L/min   3 L/min   2 L/min   1 L/min

Casella reserves the right to amend the specification without notice.

**ANZEx Certification**

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