

# Sidekick Constant Flow Pump



vibration



noise

The sidekick is a popular range of pumps which offers flow compensation at both high and low flow sampling, tremendous reliability and design features to suit everyday demands in the toughest of industries. Three versions make up the sidekick family, these being standard, intrinsically safe to T4 and timer. CE approval for EMC shielding also covers all these pumps.

## Features...

- Flow Range 5 - 3000 ml/min.
- Low Flow Capabilities
- Multi Tube Sampling in Low Flow
- Built in Particle Trap
- Built in Dampener
- High Accuracy Clock
- Simple Controls
- Small & Lightweight
- Battery or Mains Operated
- LCD Display of Run Time
- Battery Charge Test



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## Versatile...

Intrinsically safe to T4 rating and with a flow range of 5-3000 millilitres per minute the sidekick offer the answer in one. The addition of a CPC and low flow adapter provides the option to sample for gases and vapours up to 500 millilitres per minute. This system also has the advantage of supporting multi-tube sampling at the same time from one pump all at different flow rates. The ability to sample for different hazards without the need for more than one pump, makes the sidekick a popular choice.

## Simplicity...

Built in timers have the advantage of confirmation of sample time coupled to retention of data if the pump should shutdown due to filter blocking, low battery or other unforeseen problems. Controls being under a 'snap down' cover, preventing accidental operation has proven to be a winner with hygienists and safety managers alike.

**Castle**  
advanced sound solutions



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# Specifications

## **Sidekick Models**

**Sidekick** – 5-3000 ml/min, on/off switch and flow adjust

**Sidekick S** – 5-3000 ml/min, on/off switch, flow adjust and intrinsically safe

**Sidekick T** – 5-3000 ml/min, on/off switch, flow adjust, intrinsically safe and elapsed timer

## **Standards**

RFI and EMC shielded to EN 55022 & EN 50082-1

## **General**

- Operating Range: 5-3000 ml/min (5-500 requires adapter)
- Weight: 510 grams
- Dimensions: 76 x 126 x 44 mm
- Flow Control: +5% Set Point Constant Flow
- Run Time: 8 hours minimum at 2500-3000 ml/min and 15" water
- Operating Temperature: -20°C to +40°C
- Storage Temperature: -20°C to +40°C
- Operating Humidity: 0 to 95% relative
- Intrinsic Safety: UK and Euro Requirements
- Compensation Range:
  - 1000 ml/min 5-25" water back pressure
  - 2000 ml/min 0-25" water back pressure
  - 2500 ml/min 0-20" water back pressure
  - 3000 ml/min 0-15" water back pressure
- Battery Pack: Plug in rechargeable NiCad. 2.0 Ah, 4.8 Volts DC
- Timer Accuracy: + 0.1%
- Timer:
  - Timed Shut Down
  - Fault Shut Down for Low Battery or High Back Pressure with Timer Freeze