

# SKC **Chek-mate**

Flowcalibrator



The  
easy-to-use  
calibrator  
from SKC!

**ProCare** | SAFETY  
*We take intensive Care*

# Chek-mate flowcalibrator

- No moving parts
- Can be used in any orientation
- Built-in temperature and atmospheric pressure compensation
- Short stabilisation time
- Accuracy to 1% over the vast majority of the measuring range
- Auto-shutoff to conserve battery
- Compact, portable and lightweight
- Available in medium flow and low flow models:
  - 0.5 to 5.0 L/min
  - 20 to 500 ml/min
- CalChek automatic flow calibration with specific SKC sample pumps (375-0550 model only)
- Easy to use



The SKC chek-mate Flowmeter is our easy to use differential pressure flowmeter for calibrating air flow sample pumps at flow ranges between 0.50-5.0 L/min and 20-500 ml/min. The chek-mate meets the accuracy requirements of MDHS 14/4, and other HSE sampling methods.

## CalChek Interface

The 375-0550 incorporates a CalChek communication interface which enables automatic flow calibration of AirChek 3000 and AirChek Touch pumps. A CalChek communication cable, part number 375-200, is plugged into the CalChek socket on the side of the chek-mate, and the DataTrac interface socket on the AirChek 3000 pump or the charging cradle for AirChek Touch pumps. The CalChek function enables single point flow calibration of complete sample trains, and also full CalChek calibration, calibrating the pump across its entire operating range with no sample train connected. When performing a full CalChek calibration a pulsation dampener, part number 375-100, is required to be fitted between the chek-mate outlet and pump inlet ports.



Meetapparatuur voor professionals



## Specifications

<b>Flow range</b>	0.75 - 5.0 L/min
<b>Power Supply</b>	9V alkaline battery (included) Provides approximately 30 hours of operation Automatic 15 minute power off timer Low battery indication
<b>Display Resolution</b>	0.001 L/min
<b>Accuracy</b>	0.75 - 5.0 L/min: ±1% of reading
<b>CalChek Interface Socket</b>	Yes
<b>Operating Temperature</b>	0 to 40°C
<b>Operating Baremetric Pressure</b>	700 mbar to 1090 mbar
<b>Operating Altitude</b>	Sea level to approximately 3050m (10,000ft) above sea level
<b>IP Rating</b>	IP40
<b>Dimensions</b>	18 x 8.3 x 3.3 cm
<b>Weight</b>	250 gram
<b>Certification</b>	CE Marked

Description	Part number
Chek-Mate Flowmeter, 0.75 to 5 L/min flow range, battery included	375-0550
Pulsation Dampener, for use with 375-0550	375-100
CalChek Interface Cable, for use with 375-0550	375-200
Replacement 9V MN1604 Alkaline Battery	P37500



Meetapparatuur voor professionals

