chek-mate

New!

Calibrator

$500 savings compared to piston calibrators!

The Proof is in the Performance

◀ **0.75 to 5 L/min flow measurement range**

◀ **Volumetric accuracy 1% of reading**

◀ **"Moving average" reading continuously updates and displays in L/min**

◀ **< 10 minutes stabilization to ambient temperature**

◀ **Calibration laboratory accuracy certified by NIST and backed by ISO 17025 accreditation**
  - NIST-traceable calibration certificate supplied

◀ **Sleek, portable design**
  - Only 8.5 ounces (242 grams)

◀ **No moving parts, use in any orientation**

◀ **Easy one-button operation**

◀ **9-volt alkaline battery operation**
  - Approximately 30 hours battery life
  - Auto shut-off feature conserves battery

Certifications
CE   RoHS

chek-mate Calibrator

The Proof is in the Performance

How chek-mate Works

The SKC chek-mate calibrator is a highly reliable orifice-type airflow meter that incorporates sensors to measure pressure drop across a fixed orifice. Sensors automatically correct for changes in air temperature and atmospheric pressure to provide accurate volumetric flow rate readings.

Sleek, lightweight, and easy-to-use chek-mate

Performance Profile

Principle of Operation: Differential pressure measurement of pressure drop across a fixed orifice

Flow Measurement Range: 0.75 to 5 L/min (volumetric)

Display Resolution: 0.001 L/min

Accuracy: 1% of reading

Operating Temperature Range: 32 to 104 F (0 to 40 C)

Operating Barometric Pressure: 20.7 to 32.2 inches Hg (700 mbar to 1090 mbar)

Operating Altitude: Sea level to approx. 10,000 ft (3050 m) above sea level

Power: One disposable 9-volt alkaline battery (PP3)

Run Time: Approximately 30 hrs (dependent on battery)

Certifications: CE, RoHS

Dimensions: 7.1 x 3.3 x 1.3 in (18 x 8.3 x 3.3 cm)

Weight: 8.5 oz (242 gm)

7.1 inches

1.3 inches   3.3 inches

Ordering Information

Description	Cat. No.
chek-mate Calibrator includes 9-volt alkaline battery	
with NIST-traceable calibration certificate	**375-07550N**
with UKAS-traceable calibration certificate	**375-07550**

SKC Limited Warranty and Return Policy
SKC products are subject to the SKC Limited Warranty and Return Policy, which provides SKC's sole liability and the buyer's exclusive remedy. To view the complete SKC Limited Warranty and Return Policy, go to http://www.skcinc.com/warranty.asp.

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