



AirSense™ Calibration Kit

- ⇒ Compact
- ⇒ Easy to Use
- ⇒ Digital Interface
- ⇒ Heavy Duty Case



Created for the HVAC professional, the AirSense Calibration Kit is convenient, complete and sturdy. Housed in a compact, heavy duty carrying case, this calibration kit can safely travel from one installation to another or between job sites in the back of your truck. It contains the precise gas(es) and accessories you need to accurately calibrate your monitoring instruments.

The AirSense Calibration Kit is designed to make it easy for the HVAC professional to verify that environmental CO₂ sensors in the field are reporting gas concentration levels accurately. The kit contains a 17 liter (0.6 ft³) cylinder of calibration gas, a removable constant-flow regulator with shut-off valve, a four-digit display

(for easier calibration of DCS sensors without built-in displays) and all the necessary tubing, fittings and accessories. Clear and simple instructions are also included.

Although designed specifically for the AirSense family (and other DCS engineered CO₂ monitors), the AirSense Calibration Kit is an economical way to calibrate any CO₂ monitor with a calibration gas port.

The compact gas cylinder (2.8" diameter, 12" tall) holds enough gas for approximately 20 to 30 calibrations. Replacement tanks are normally available from stock for immediate shipment. The carrying case has ample room for a spare tank for those large jobs or if you just don't want to risk running out of gas while on-site.

Digital Control Systems, Inc. • 7401 SW Capitol Highway • Portland, OR 97219 • USA
Phone: (503) 246-8110 • Fax: (503) 246-6747 • Toll Free: 1-877-468-6337 • <http://www.dcs-inc.net>

INNOVATION AND TECHNOLOGY

Specification Table	
Calibration Gas Concentrations	2000 or 5000 ppm CO ₂ , balance nitrogen are standard. Contact factory for other concentrations
Case	16 ¾ x 13 ¼ x 6 inch (42 x 34 x 15 mm) lockable high impact plastic case with foam insert.
Gas Cylinder	capacity: 17 liter initial pressure: 225 psi outside dimensions: 2.8" diameter, 12" tall
Regulator	rated inlet pressure: 350 psi flow rate: .05 to .15 SCFH (approximate) outlet port: 1/8" hose barb (for 1/8" ID tube)
Accessories	three foot length of flexible 1/8" ID gas tubing one 4 digit LED display with interface cable five 1/8" x 10-32 barbed fittings and shorting blocks

Description	DCS Part #
AirSense Calibration Kit 2000 ppm	CAL KIT-2
AirSense Calibration Kit 5000 ppm	CAL KIT-5
17 liter replacement cylinder 2000 ppm CO ₂ , balance Nitrogen	CYL-2
17 replacement cylinder 5000 ppm CO ₂ , balance Nitrogen	CYL-5



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