

# Portable Human Occupancy Detector (HOD)

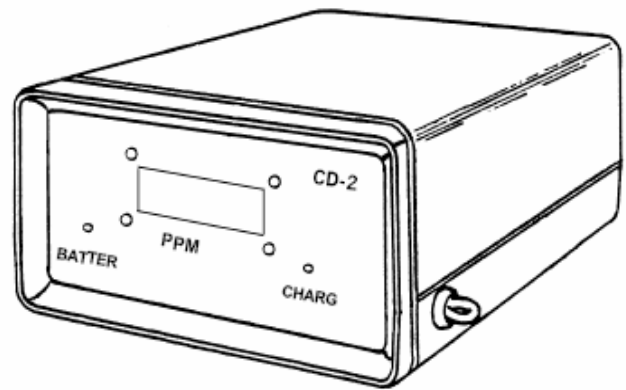


## AMC-CD-2

### Portable analyser

The AMC-CD-2 offers complete portability and flexibility in monitoring for carbon dioxide. Whether monitoring indoor air quality or detecting leaks in bottling plants or other industrial applications, the CD-2 uses non-dispersive infrared technology to accurately measure CO<sub>2</sub> levels in the 0-5000 PPM range.

The unit is a rugged, compact, totally self-contained analytical instrument. It features digital concentration display, a built in rechargeable battery pack (lasts 12 hours on a single charge) and AC adapter plus an internal sample pump and optional 0-1 VDC recorder output. Warm-up is less than one minute. The CD-2's heavy duty leather case, sampling hardware and compact size, make it



an excellent instrument for use in a wide variety of applications ranging from leak detection to indoor air quality.

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## NON-DISPERSIVE INFRARED (NDIR) GAS SENSING TECHNOLOGY

AMC sensors use a beam of infrared light to probe a sample of gas. The amount of light absorbed is a function of the concentration of CO<sub>2</sub> in the sample. The process is specific to the absorption bands of CO<sub>2</sub>, and will therefore not respond to any other gases.

Through advances such as NDIR, the Armstrong Monitoring Corporation remains at the forefront in the ever expanding world of gas detection.

## **PARTS LIST**

CD-2-01	Quick connect couplet & Sampling hose	CD-2-05	Heavy duty leather carry case
CD-2-02	Sampling wand	CD-2-06	Recharger/adaptor
CD-2-03	Filter	CD-2-07	Shoulder carry strap
CD-2-04	Tip adaptor	CD-2-08	Chest harness
		CD-2-09	Sample tips

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## **SPECIFICATIONS**

Measurement technique:	Non-Dispersive Infrared
Range:	0-5000 PPM CO <sub>2</sub>
Sample rate:	Approximately 1/2 LPM
Battery life:	12 hours per recharge
Dimensions:	7 cm X 14 cm X 19 cm
Operating temperature:	0°C to 50°C
Operating humidity:	0-99% RH
Accuracy:	±3% of full scale
Repeatability:	±2% of full scale
Weight:	1.6 kg (3.5 lbs)

### **OPTIONAL:**

Recorder output: ..... 0-1 VDC

For further info and price quote, please contact:

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