

Overview

The Chambers Indoor Step Counter is an indoor version of our well-established outdoor step counter. It has improved battery life, sensitivity and accuracy and the electronics is housed in a small compact box with an LCD display on the top.

A step counter, also commonly known as pressure-pad counter, is particularly useful for indoor locations where doors open inwards.

The unit consists of a control box with display and a sensor which is placed under the entrance carpet or rug. The sensor detects people by the pressure they apply as they step on it.

The control box contains the detection circuitry and has two LED indicators that indicate battery condition and pressure detection.

The sensitivity is adjustable enabling it to be installed under many carpet/rug types.

The sensor detects the small changes in pressure when footfall occurs. A signal is sent to the control box where it is analysed and the counter is activated. The sensitivity is easily adjusted by the user.

The standard length of the sensor is 25cm X 40 cm but alternative sizes can be provided depending on your requirements.

Installation

Installation is straightforward and full instructions are provided. The sensor is connected to the control box via a cable. The sensor is placed under the entrance mat and the control box is placed on the holding clip which is screwed onto the wall and the cable between the two parts is secured.

Data Collection Options

6 Digit display which is reset with supplied magnet

Data logger for the download of time-date counts onto a PC

Wireless transmitter for the continuous download of data onto a PC

Additional people counters

Micro-IR Beam (MIRB)

Proximity counter (MIRP)

Features and Benefits

- ♦ Sensitive electronic sensor
- ♦ Sensitivity is user adjustable
- ♦ Counts all pedestrians passing through entrance
- ♦ The sensor is supplied within polycarbonate sheets, providing good sensitivity in a small height structure
- ♦ Incorporates filtering to maximise counting accuracy between individuals
- ♦ No moving parts
- ♦ Small and inconspicuous units with 6 digit LCD display
- ♦ Tolerates high static load
- ♦ Long battery life 1 year (2 year battery can be supplied)

Target Applications

- ♦ All public places such as: libraries, sports centres, museums, tourist information centres, galleries, offices, banks, shopping centres, public conveniences.



Indoor Step Counter

Specifications

Technology:	Electronic sensor with filtering and sensitivity control
System:	Electronic sensor Control box containing electronics and batteries
Housing:	
Sensor:	Rectangular sensor in polycarbonate structure.
Control unit:	Polycarbonate connected to sensor by 1 metre lead as standard
Dimensions:	
Sensor:	40 cm X 25 cms (other sizes available)
Control unit:	120 x 80 x 60 mm
Batteries:	1 x 9v PP3 Alkaline battery (1 year life) (Or 9v PP3 lithium battery)
Indicators and controls:	
Control box:	6 digit LCD counter (if supplied without data logger) Battery check LED Detection LED Sensitivity control Magnetic switch to turn on LEDs

Options

Data Logger	Records date, time and counts for download to PC
Metal housing	Provides high vandal resistance and additional protection for the control box and batteries. Vandal proof screws.

