



3890 Oakwood Ave.  
Youngstown, OH 44515-3033  
Phone: (800) 239-1226  
US Fax: (877) 517-2586  
Intl. Fax: (858) 300-5327  
www.sensourceautomation.com

## TC-PH50 Series Traffic Counters With Pressure Hose Sensor

### Description:

The SenSource TC-PH Series road traffic counters operate with a pressure hose sensor and eight digit LCD counter, or may be interfaced with a personal computer using the PCDL-1000 Count Recorder. Battery operation facilitates easy installation and portability. The road traffic counter will increment by +1 each time tires cross over the pressure hose (i.e. a car will increment the counter by +2, once for the front tires and once for the rear).

### Features:

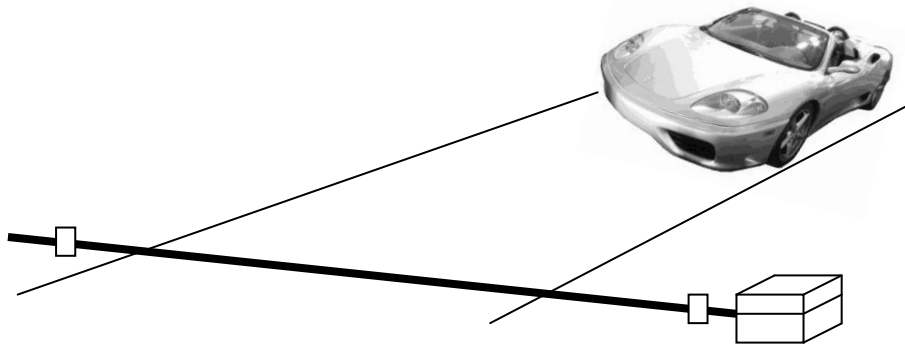
- Portable 4.5 x 4.5 x 3.4" weather tight NEMA 4X, lockable metal enclosure (4 x 4 x 2" PVC enclosure for systems with 418Mhz data transmitter)
- Internal Eight Digit LCD Display or Count Recorder data logger
- No external power required
- Battery lasts 7 years with LCD display, 1 year with count recorder
- 50ft Pressure Hose Included
- Mounting Hardware Included



### Ordering:

P/N: TC-PH50-D - System with metal enclosure, 50ft pressure hose and LCD display

P/N: TC-PH50-R - System with metal enclosure, 50ft pressure hose and Count Recorder (see page 2)\*



### Other systems offered by SenSource:

- Powered road traffic counters with buried loop sensors or magnetic field sensors, available with LCD displays, Count Recorder, or wireless data collection
- Wired or wireless systems with photoelectric sensors
- People Counters

Contact SenSource toll free at 800-239-1226 for more information on any of our products



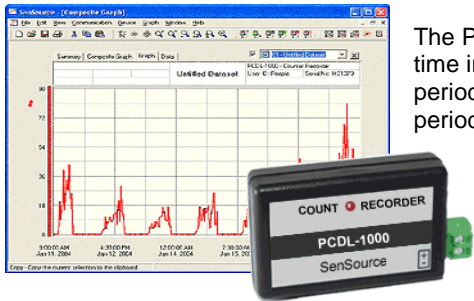
3890 Oakwood Ave.  
 Youngstown, OH 44515-3033  
 Phone: (800) 239-1226  
 US Fax: (877) 517-2586  
 Intl. Fax: (858) 300-5327  
 www.sensourceautomation.com

## TC-PH50 Series Traffic Counters With Pressure Hose Sensor

**PCDL-1000 Count Recorder** - The SenSource PCDL-1000 Count Recorder is a miniature (2.2" X 1.4" X 0.6") internally powered counter / totalizer. This effective, low-cost recording device is included with the TCR-PH50 Road Traffic Counter to allow recording and easy transfer of data to your PC or Laptop. Operates autonomously for months at a time (typical life = 1 yr) on a 3.6-volt lithium battery. Convenient programmable scaling factor allows you to divide or multiply counts to correct for error factors.

### Features:

- Miniature Size (2.2" x 1.4" x 0.6")
- Connects to a PC via RS232 (serial port) to record, download, display and print time-stamped data in graphical or tabular form
- Stores up to 16,363 records (681 days of data if using 1-hr increments)
- Data can be saved to a CSV text file or an MS-Excel spreadsheet
- 1-year lithium battery saves data in case of power outages
- Operates autonomous or directly connects to a PC for real-time display

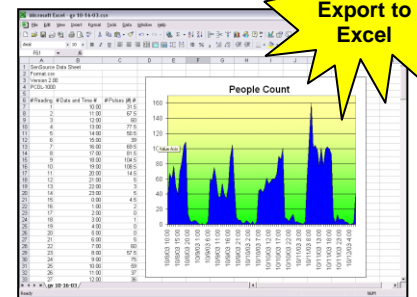


The PCDL-1000 acts as a totalizer, continuously recording data over specifically defined time intervals. Once activated the PCDL-1000 records counts within adjacent "time bin" periods. The bin period is selectable from 2 seconds to 12 hours. At the end of each bin period, the total count is stored in memory. The Count Recorder then starts another bin period and continues until either the memory is full (up to 16,363 records) or the test period has ended. If a 1-hour period is selected the PCDL-1000 can continue recording for up to 681 days.

For setup and data recovery the PCDL-1000 is used in conjunction with a host PC running user friendly, Windows based software. The software will provide the user with a graphical or tabular display indicating traffic flow rates. Or simply export the data to an Excel spreadsheet for easy data manipulation.

The PCDC-RS232 (RS232) serial interface cable and software connects to your computer to download data. (\* PURCHASED SEPARATELY).

Only one PCDC-RS232 is needed for all recorders unless the connection from the PCDL-1000 to the computer will be permanent, in this case one PCDC-RS232 cable is needed.



Specification	
Input Connection:	removable screw terminals
Recording Interval :	2 s, 5 s, 15 s, 30 s, 1 m, 5 m, 10 m, 15 m, 30 m, 1 h, 2 h, 4 h, 8 h, 12 h
Scale Factor:	Programmable $\pm 1.000E-31$ to $\pm 9.9999E+31$
Real Time Recording:	Device may be used with a PC to monitor and record data in real time.
Red Visual Indicator:	Red LED flashes at the reading interval to indicate device operational.
Memory:	16,383 readings max. (non-volatile)
Power:	User replaceable 3.6v lithium battery, 1 year typical life.
Weight:	1 oz. (30g)
Computer Interface:	PC serial or RS232C COM (Wireless and Ethernet adapters also available)
Software:	Windows 95/98/NT/2000/XP Compatible
Operating Environment:	-40 <sup>o</sup> C to 80 <sup>o</sup> C, (-40 <sup>o</sup> F to 176 <sup>o</sup> F), 5 to 95% RH (non-condensing).
Dimensions:	2.2"L x 1.4"H x 0.6"D (55mm x 35mm x 16mm)
Material:	ABS Plastic